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OTTAWA - CANADA

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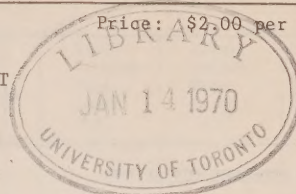
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GAS PIPE LINE TRANSPORT

January - June, 1959



This report is the first in a statistical series to be presented on gas pipe line transport in Canada and covers the period January to June, 1959 inclusive. Regular monthly reports will be issued subsequently. The first annual Gas Pipe Line Transport report will be compiled for the year 1959 and will provide financial and property statistics as well as a summary of monthly operations.

This series has been established with the co-operation and assistance of representatives of the gas transmission industry, provincial authorities and federal government officials.

The statistics included herein refer to the operations of companies primarily engaged in the transmission of natural gas and hence do not comprise the transmission operations of companies predominantly involved in the distribution of natural gas. Sales of gas by distributing utilities are issued monthly in the report "Sales of Manufactured and Natural Gas". An annual report of gas utilities engaged primarily in the distribution of gas will be issued in 1960 encompassing their total operations.

A "transmission" pipe line is defined as a pipe line constructed to carry natural gas at any stage between gas processing plants (residue gas) or field gate meter points (dry gas) and local distribution systems. Transmission pipe lines may receive gas directly from processing plants or field gate meter points or may receive gas from another transmission line or storage area. Also, transmission lines may deliver to other transmission lines or storage areas rather than directly to distribution systems.

During the first half of 1959, Canada's sixteen gas pipe line transport companies received a net total of 116,592,992 MCF of natural gas from gathering systems and foreign transmission lines. In addition, 36,769,181 MCF was received from other Canadian gas pipe line transport companies so that total gross receipts equalled 153,362,173 MCF.

During the same period Canadian gas pipe line transport companies delivered 119,093,647 MCF of natural gas to distribution systems, foreign transmission lines, and industrial and other customers. Deliveries of 36,769,181 MCF to other Canadian transmission lines brought total gross deliveries to 155,862,828 MCF. The 2,500,655 MCF excess of deliveries over receipts is accounted for by variations in line pack inventory, gas used for pipeline fuel, pipeline losses and metering differences and net receipts of gas from storage within the system.

During the first half of 1959, the largest disposition of gas by transmission companies occurred in January, 29,123,640 MCF, while the smallest amount, 21,383,587 MCF, was recorded in June, a 26.6 per cent decline, indicating seasonal influences on natural gas consumption in Canada. However, natural gas delivered directly to industrial consumers fell by only 14.4 per cent, from 1,118,756 MCF to 957,207 MCF.

Canadian gas pipe line transport companies reported net operating revenue of \$35,277,239 for the first half of 1959. During the same period an average of 1,154 people were employed by these companies and salaries and wages paid totalled \$3,245,444.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

January to June, 1959

MCF*

TABLE 1

	Total	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- ceous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>Natural gas received into system</u>							
1 From own gathering systems	45,259,004	4,311,095.	-	-	147,875	629,276	351,150
2 From other gathering systems	66,636,826	-	35,471,473	8,509,643	-	-	-
3 From storage	-	-	-	-	-	-	-
4 From foreign transmission lines	4,697,162	-	-	-	-	-	-
5 From other	-	-	-	-	-	-	-
6 <u>Total net receipts (1+2+3+4+5)</u>	116,592,992	xxx	xxx	xxx	xxx	xxx	xxx
7 From Canadian transmission lines	36,769,181	-	-	-	-	-	-
8 <u>Total gross receipts (6+7)</u>	153,362,173	4,311,095	35,471,473	8,509,643	147,875	629,276	351,150
<u>Natural gas delivered out of system</u>							
9 To distribution systems	68,592,576	38,432	56,020	-	153,816	-	351,150
10 To foreign transmission lines	44,376,679	-	-	8,424,310	-	-	-
11 To storage	-	-	-	-	-	-	-
12 To industrial consumers and others	6,124,392	4,272,663	11,441	873	-	596,708	-
13 <u>Total net deliveries (9+10+11+12)</u>	119,093,647	xxx	xxx	xxx	xxx	xxx	xxx
14 To Canadian transmission lines	36,769,181	-	35,152,815	-	-	-	-
15 <u>Total gross deliveries (13+14)</u>	155,862,828	4,311,095	35,220,276	8,425,183	153,816	596,708	351,150
16 Pipeline fuel	1,125,851	-	8,802	-	1,615	11,013	-
17 Pipeline losses and metering difference	946,535	-	313,328	86,350	-7,556	21,555	-
18 Line pack fluctuations	=4,573,041 ⁽¹⁾	-	-70,933	-1,890	-	-	-
19 <u>Total disposition of receipts (15+16+17+18)</u>	153,362,173	4,311,095	35,471,473	8,509,643	147,875	629,276	351,150

* Thousand cubic feet at 14.735 p.s.i.a. and 60°F

(1) Includes net receipts from storage within the system of 4,045,206 MCF.

January to June, 1959

MCF*

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipe-lines Ltd.	Peace River Trans-mission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Trans-mission Co. Ltd.	
-	1,179,365	-	5,832,964	-	-	138,638	1,818,376	-	30,850,265	1
1,051,439	-	505,666	-	-	6,431,471	535,826	-	-	14,131,308	2
-	-	-	-	-	-	-	-	-	-	3
-	-	-	-	-	4,366,696	-	-	330,466	-	4
-	-	-	-	-	-	-	-	-	-	5
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	6
-	-	-	-	1,475,113	141,253	-	-	35,152,815	-	7
1,051,439	1,179,365	505,666	5,832,964	1,475,113	10,939,420	674,464	1,818,376	35,483,281	44,981,573	8
1,051,439	1,197,549	509,555	4,333,707	239,847	14,842,917	674,464	1,835,083	34,897,876	8,410,721	9
-	-	-	-	-	-	-	-	-	35,952,369	10
-	-	-	-	-	-	-	-	-	-	11
-	-	-	-	1,242,707	-	-	-	-	-	12
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	13
-	-	-	1,475,113	-	-	-	-	141,253	-	14
1,051,439	1,197,549	509,555	5,808,820	1,482,554	14,842,917	674,464	1,835,083	35,039,129	44,363,090	15
-	-	-	-	-	120,612	-	-	367,479	616,330	16
-	-18,184	-3,889	24,144	-3,188	21,097	-	-16,707	447,644	81,941	17
-	-	-	-	-4,253	-4,045,206 ⁽¹⁾	-	-	-370,971	-79,788	18
1,051,439	1,179,365	505,666	5,832,964	1,475,113	10,939,420	674,464	1,818,376	35,483,281	44,981,573	19

January to June, 1959

TABLE 2

	Total	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- ceous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>MCF* sendout - daily average</u>							
1 January	1,017,584	24,577	217,040	53,341	996	3,633	3,763
2 February	1,009,841	24,279	225,641	52,954	931	3,627	2,871
3 March	916,103	24,336	205,028	50,875	912	3,453	1,913
4 April	835,417	23,885	184,612	49,470	885	3,330	1,462
5 May	750,400	22,865	180,603	40,664	789	2,788	1,043
6 June	643,936	22,988	156,040	32,235	586	2,972	621
7 Year to date 1959	861,120	23,818	194,587	46,548	850	3,297	1,940
<u>MCF* sendout - on peak day of month</u>							
8 January	xxx	24,621	246,628	63,602	1,145	4,065	5,013
9 February	xxx	25,887	252,758	58,524	1,094	4,154	3,960
10 March	xxx	24,621	265,539	55,670	1,155	4,043	2,817
11 April	xxx	25,416	224,145	52,847	1,006	3,888	2,260
12 May	xxx	23,297	229,570	48,499	1,015	3,457	2,157
13 June	xxx	23,009	237,825	35,207	712	3,701	884
<u>Operating revenues</u>							
14 1st quarter - 1959	\$ 19,489,701	68,854	793,383	687,394	21,593	17,079	94,072
15 2nd quarter - 1959	\$ 15,787,538	64,169	646,978	541,331	17,560	15,126	53,911
<u>Average no. of employees</u>							
16 January	1,173	16	100	(1)	1	1	5
17 February	1,119	15	109	(1)	1	1	5
18 March	1,141	15	114	(1)	1	1	5
19 April	1,141	15	126	(1)	1	1	5
20 May	1,168	14	129	(1)	1	1	5
21 June	1,179	14	134	(1)	1	1	5
22 Year to date 1959	1,154	15	118	(1)	1	1	5
<u>Total salaries and wages</u>							
23 January	\$ 536,602	6,000	44,293	(1)	300	300	1,419
24 February	\$ 526,225	5,890	46,421	(1)	300	300	1,365
25 March	\$ 534,395	6,081	53,528	(1)	300	300	1,401
26 April	\$ 546,973	5,814	61,707	(1)	300	300	1,371
27 May	\$ 535,226	5,569	61,551	(1)	300	300	1,424
28 June	\$ 566,023	5,248	62,360	(1)	300	300	1,401
29 Year to date 1959	\$ 3,245,444	34,602	329,860	(1)	1,800	1,800	8,381

* Thousand cubic feet at 14.735 p.s.i.a. and 60°F

(1) No employees; labour performed by associated company.

January to June, 1959

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Trans-mission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Trans-mission Co. Ltd.	
8,622	6,420	3,421	32,180	10,552	137,073	6,353	10,913	226,323	272,377	1
11,047	6,010	3,521	35,718	9,942	133,800	4,996	11,148	219,736	263,620	2
3,786	6,344	2,758	35,805	8,394	100,897	3,820	11,431	197,472	258,879	3
3,092	7,491	2,008	32,164	7,272	61,331	3,116	10,788	183,787	260,724	4
4,505	7,024	2,120	34,458	6,654	34,802	2,289	10,832	174,738	224,226	5
4,168	6,372	3,114	22,268	6,414	26,688	1,825	5,695	160,612	191,338	6
5,809	6,616	2,815	32,093	8,191	82,005	3,726	10,138	193,587	245,100	7
9,526	8,103	4,077	38,762	13,254	200,831	7,375	12,271	265,088	302,580	8
15,144	7,489	4,023	43,087	11,317	201,025	6,100	12,517	241,764	275,892	9
5,203	7,787	3,522	41,371	9,365	149,995	4,885	12,729	241,973	275,261	10
4,269	10,208	2,966	41,510	8,595	87,443	4,306	12,942	210,407	276,905	11
4,651	9,455	3,313	41,282	7,867	71,944	3,640	11,918	199,022	250,091	12
4,611	7,957	3,636	35,993	7,960	34,266	2,330	11,437	183,822	218,029	13
349	13,906	12,282	57,571	372,649	3,647,890	93,700	64,793	7,376,707	6,167,479	14
180	15,657	9,295	48,108	265,946	2,209,187	54,651	53,539	6,351,180	5,440,720	15
-	(1)	(1)	(1)	9	39	3	3	742	254	16
-	(1)	(1)	(1)	9	39	3	3	681	253	17
-	(1)	(1)	(1)	9	39	3	3	696	255	18
-	(1)	(1)	(1)	9	39	3	3	690	249	19
-	(1)	(1)	(1)	9	39	3	3	716	248	20
-	(1)	(1)	(1)	9	39	3	3	719	251	21
-	(1)	(1)	(1)	9	39	3	3	708	252	22
-	(1)	(1)	(1)	4,262	15,000	975	1,135	333,343	129,575	23
-	(1)	(1)	(1)	4,262	15,000	975	1,135	324,364	126,213	24
-	(1)	(1)	(1)	4,262	15,000	975	1,135	318,736	132,677	25
-	(1)	(1)	(1)	4,262	15,000	975	1,135	326,850	129,259	26
-	(1)	(1)	(1)	4,262	15,000	975	1,135	316,627	128,083	27
-	(1)	(1)	(1)	4,262	15,000	975	1,135	342,572	132,470	28
-	(1)	(1)	(1)	25,572	90,000	5,850	6,810	1,962,492	778,277	29

January to June, 1959

MCF*

TABLE 3

	January	February	March	April	May
<u>Natural gas received into system</u>					
1 From own gathering systems	8,342,126	7,385,921	8,184,073	7,709,464	7,505,000
2 From other gathering systems	13,233,000	11,676,297	11,721,693	10,578,904	10,585,093
3 From storage	-	-	-	-	-
4 From foreign transmission lines	390,297	31,393	208,508	1,363,972	1,181,370
5 From other	-	-	-	-	-
6 <u>Total net receipts (1+2+3+4+5)</u>	21,965,423	19,093,611	20,114,274	19,652,340	19,271,463
7 From Canadian transmission lines	7,158,217	6,580,653	6,605,042	5,744,012	5,793,551
8 <u>Total gross receipts (6+7)</u>	29,123,640	25,674,264	26,719,316	25,396,352	25,065,014
<u>Natural gas delivered out of system</u>					
9 To distribution systems	14,981,888	13,450,614	12,727,603	10,337,345	9,398,792
10 To foreign transmission lines	8,286,237	7,247,487	7,992,853	7,978,089	7,095,184
11 To storage	-	-	-	-	-
12 To industrial consumers and others	1,118,756	996,794	1,073,697	1,003,081	974,857
13 <u>Total net deliveries (9+10+11+12)</u>	24,386,881	21,694,895	21,794,153	19,318,515	17,468,833
14 To Canadian transmission lines	7,158,217	6,580,653	6,605,042	5,744,012	5,793,551
15 <u>Total gross deliveries (13+14)</u>	31,545,098	28,275,548	28,399,195	25,062,527	23,262,384
16 Pipeline fuel	272,202	191,894	246,233	165,742	133,657
17 Pipeline losses and metering difference	129,708	181,815	204,964	149,722	172,929
18 Line pack fluctuations	-2,823,368(1)	-2,974,993(2)	-2,131,076(3)	18,361(4)	1,496,044(5)
19 <u>Total disposition of receipts (15+16+17+18)</u>	29,123,640	25,674,264	26,719,316	25,396,352	25,065,014

* Thousand cubic feet at 14.735 p.s.i.a. and 60°F

- (1) Includes net receipts from storage within the system of 2,601,573 MCF
(2) Includes net receipts from storage within the system of 2,948,966 MCF
(3) Includes net receipts from storage within the system of 2,124,291 MCF
(4) Includes net deliveries to storage within the system of 31,210 MCF
(5) Includes net deliveries to storage within the system of 1,399,621 MCF
(6) Includes net deliveries to storage within the system of 2,198,793 MCF
(7) Includes net receipts from storage within the system of 4,045,206 MCF

NATURAL GAS TRANSMISSION BY MONTH

7

January to June, 1959

MCF*

June	July	August	September	October	November	December	Year to date
6,132,420							45,259,004 1
8,841,839							66,636,826 2
-							- 3
1,521,622							4,697,162 4
-							- 5
16,495,881							116,592,992 6
4,887,706							36,769,181 7
21,383,587							153,362,173 8
7,696,334							68,592,576 9
5,776,829							44,376,679 10
-							- 11
957,207							6,124,392 12
14,430,370							119,093,647 13
4,887,706							36,769,181 14
19,318,076							155,862,828 15
116,123							1,125,851 16
107,397							946,535 17
1,841,991(6)							-4,573,041(7) 18
21,383,587							153,362,173 19

June, 1959

MCF*

TABLE 4

	Total	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- ceous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>Natural gas received into system</u>							
1 From own gathering systems	6,132,420	689,639	-	-	16,050	95,815	18,643
2 From other gathering systems	8,841,839	-	4,682,416	976,434	-	-	-
3 From storage	-	-	-	-	-	-	-
4 From foreign transmission lines	1,521,622	-	-	-	-	-	-
5 From other	-	-	-	-	-	-	-
6 <u>Total net receipts (1+2+3+4+5)</u>	16,495,881	xxx	xxx	xxx	xxx	xxx	xxx
7 From Canadian transmission lines	4,887,706	-	-	-	-	-	-
8 <u>Total gross receipts (6+7)</u>	21,383,587	689,639	4,682,416	976,434	16,050	95,815	18,643
<u>Natural gas delivered out of system</u>							
9 To distribution systems	7,696,334	2,080	2,491	-	17,592	-	18,643
10 To foreign transmission lines	5,776,829	-	-	967,009	-	-	-
11 To storage	-	-	-	-	-	-	-
12 To industrial consumers and others	957,207	687,559	2,961	52	-	89,171	-
13 <u>Total net deliveries (9+10+11+12)</u>	14,430,370	xxx	xxx	xxx	xxx	xxx	xxx
14 To Canadian transmission lines	4,887,706	-	4,675,727	-	-	-	-
15 <u>Total gross deliveries (13+14)</u>	19,318,076	689,639	4,681,179	967,061	17,592	89,171	18,643
16 Pipeline fuel	116,123	-	438	-	149	1,524	-
17 Pipeline losses and metering difference	107,397	-	30,337	9,892	-1,691	5,120	-
18 Line pack fluctuations	1,841,991 ⁽¹⁾	-	-29,538	-519	-	-	-
19 <u>Total disposition of receipts (15+16+17+18)</u>	21,383,587	689,639	4,682,416	976,434	16,050	95,815	18,643

* Thousand cubic feet at 14.735 p.s.i.a. and 60°F

(1) Includes net deliveries to storage within the system of 2,198,793 MCF

June, 1959

MCF*

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipe-lines Ltd.	Peace River Trans-mission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Trans-mission Co. Ltd.
-	189,890	-	670,403	-	-	8,691	167,946	-	4,275,343
125,048	-	92,013	-	-	1,431,551	46,062	-	-	1,488,315
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	1,521,622	-	-	-	-
-	-	-	-	-	-	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	-	194,411	17,568	-	-	4,675,727	-
125,048	189,890	92,013	670,403	194,411	2,970,741	54,753	167,946	4,675,727	5,763,658
125,048	191,166	93,413	473,616	14,963	800,648	54,753	170,834	4,800,790	930,297
-	-	-	-	-	-	-	-	-	4,809,820
-	-	-	-	-	-	-	-	-	-
-	-	-	-	177,464	-	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	194,411	-	-	-	-	17,568	-
125,048	191,166	93,413	668,027	192,427	800,648	54,753	170,834	4,818,358	5,740,117
-	-	-	-	-	24,292	-	-	41,518	48,202
-	-1,276	-1,400	2,376	-	-52,992	-	-2,888	81,021	38,898
-	-	-	-	1,984	2,198,793 ⁽¹⁾	-	-	-265,170	-63,559
125,048	189,890	92,013	670,403	194,411	2,970,741	54,753	167,946	4,675,727	5,763,658

Areas served by Canadian Gas Pipe Line Transport Companies:

Ajax Alberta Pipeline Limited

Operates in Edmonton area serving an industrial customer and a distribution system.

Alberta Gas Trunk Line Company Limited

Obtains gas from numerous fields in Eastern Alberta and residue gas from Pincher Creek, Alberta. Delivers to Trans-Canada Pipe Lines Limited on Alberta - Saskatchewan border near Burstall, Saskatchewan. Also serves distribution systems in Alberta.

Canadian Montana Pipeline Company

Receives gas from fields in South-Eastern area of Alberta and delivers for export to U.S.A. at Aden, Alberta.

Cold Lake Pipeline Company Limited

Delivers to R.C.A.F. establishment at Cold Lake, Alberta.

Cretaceous Pipelines Limited

Serves industrial customer at Duvernay, Alberta.

Grande Prairie Transmission Company Limited

Carries gas to distribution system in Grande Prairie - Peace River area of Alberta.

Mid-Continent Pipelines Limited

Operates short line on Alberta-Saskatchewan border delivering gas to Saskatchewan Power Corporation.

Mid-Western Industrial Pipelines Limited

Delivers gas to distribution system at Fort Saskatchewan, Alberta, North-East of Edmonton.

Mid-Western Industrial Pipelines (Redwater) Limited

Receives residue gas from absorption plant at Redwater, Alberta, North of Edmonton, and delivers to distribution company in same vicinity.

Mid-Western Industrial Pipelines (Wabamun) Limited

Serves distribution systems at Wabamun and Onoway, Alberta, West of Edmonton. Delivers to North Canadian Oils Limited at Wabamun, Alberta.

North Canadian Oils Limited

Serves distribution system and industrial customers in area West of Edmonton.

Ontario Natural Gas Storage and Pipelines Limited

Carries on storage and transmission activities in South-Western Ontario.

Peace River Transmission Company

Carries gas from Grande Prairie-Peace River district of Alberta for delivery to distribution company in Dawson Creek area of British Columbia.

South Alberta Pipe Lines Limited

Serves distribution system at Medicine Hat, Alberta.

Trans-Canada Pipe Lines Limited

Transports gas from Saskatchewan-Alberta border to distribution companies in Saskatchewan, Manitoba, Ontario and Quebec.

Westcoast Transmission Company Limited

Receives gas from Grande Prairie-Peace River district of Alberta and from Dawson Creek area of British Columbia. Delivers gas to distribution companies at various points in British Columbia and for export at Huntingdon, British Columbia.



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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GAS PIPE LINE TRANSPORT
Government
Publications

July, 1959

This report is the second in the Gas Pipe Line Transport monthly series. The first report covered the period January to June, 1959 inclusive. The first annual Gas Pipe Line Transport report will be compiled for the year 1959 and will provide financial and property statistics as well as a summary of monthly operations. Previous years' data are not available for comparison.

Net deliveries of natural gas in July through Canadian pipe lines totalled 14,016,042 MCF, 2.9 per cent lower than the 14,430,370 MCF delivered in the previous month. Of this total, 7,185,425 or 51.3 per cent was delivered to distribution systems, 5,841,322 (41.7 per cent) to foreign transmission lines, and 989,295 (7.0 per cent) to industrial consumers and others. An additional 5,076,591 MCF was transferred to Canadian transmission lines bringing total gross deliveries to 19,092,633. Daily average sendout for July was 615,891 MCF, down from the previous month's average of 643,936.

For the seven month period ended July 31, 1959, net deliveries totalled 133,109,689 MCF, of which 75,778,001 or 56.9 per cent was delivered to distribution systems, 50,218,001 (37.7 per cent) to foreign transmission lines, and 7,113,687 (5.4 per cent) to industrial consumers and others. Transfers of 41,845,772 MCF to other Canadian transmission lines brought total gross deliveries to 174,955,461.

Responding to climatic influences, natural gas traffic during the first seven months of this year has shown an almost constant decline with net deliveries reaching a seven month low of 14,016,042 MCF in July compared to the high in January of 24,386,881.

During July, the number of employees of gas pipe line companies increased slightly to 1,190 from 1,179 in June. Earnings were \$567,405 as compared with \$566,023 in June. During the seven month period ending July 31, an average of 1,158 employees earned \$3,812,849.

The statistics included in this report refer to the operations of companies primarily engaged in the transmission of natural gas and hence do not comprise the transmission operations of companies predominately involved in the distribution of natural gas.

Sales of gas by distributing utilities are issued monthly in the report "Sales of Manufactured and Natural Gas". An annual report of gas utilities engaged primarily in the distribution of gas will be issued in 1960 encompassing their total operations.

A "transmission" pipe line is defined as a pipe line constructed to carry natural gas at any stage between gas processing plants (residue gas) or field gate meter points (dry gas) and local distribution systems. Transmission pipe lines may receive gas directly from processing plants or field gate meter points or may receive gas from another transmission line or storage area. Also, transmission lines may deliver to other transmission lines or storage areas rather than directly to distribution systems.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division

8504-567-79

July, 1959

MCF*

TABLE 1

	Total	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- ceous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>Natural gas received into system</u>							
1 From own gathering systems	5,925,351	724,111	-	-	11,949	99,157	15,195
2 From other gathering systems	9,017,919	-	4,950,535	839,994	-	-	-
3 From storage	-	-	-	-	-	-	-
4 From foreign transmission lines	1,705,969	-	-	-	-	-	-
5 From other	-	-	-	-	-	-	-
6 <u>Total net receipts</u> ⁽¹⁾ (1+2+3+4+5)	16,649,239	xxx	xxx	xxx	xxx	xxx	xxx
7 From Canadian transmission lines	5,076,591	-	-	-	-	-	-
8 <u>Total gross receipts (6+7)</u>	21,725,830	724,111	4,950,535	839,994	11,949	99,157	15,195
<u>Natural gas delivered out of system</u>							
9 To distribution systems	7,185,425	1,356	5,934	-	12,933	-	15,195
10 To foreign transmission lines	5,841,322	-	-	839,520	-	-	-
11 To storage	-	-	-	-	-	-	-
12 To industrial consumers and others	989,295	722,755	43,823	43	-	92,534	-
13 <u>Total net deliveries</u> ⁽¹⁾ (9+10+11+12)	14,016,042	xxx	xxx	xxx	xxx	xxx	xxx
14 To Canadian transmission lines	5,076,591	-	4,882,273	-	-	-	-
15 <u>Total gross deliveries (13+14)</u>	19,092,633	724,111	4,932,030	839,563	12,938	92,534	15,195
16 Pipeline fuel	115,498	-	363	-	101	1,477	-
17 Pipeline losses and metering difference	194,063	-	31,078	356	-1,090	5,146	-
18 Line pack fluctuations	2,323,636 ⁽²⁾	-	-12,936	75	-	-	-
19 <u>Total disposition of receipts (15+16+17+18)</u>	21,725,830	724,111	4,950,535	839,994	11,949	99,157	15,195

* Thousand cubic feet at 14.73 p.s.i.a. and 60°F

(1) Not applicable to individual companies.

(2) Includes deliveries to storage within the system of 2,346,489 MCF.

July, 1959

MCF*

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipe-lines Ltd.	Peace River Trans-mission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Trans-mission Co. Ltd.	
-	68,456	-	504,113	-	-	-	229,093	-	4,273,277	1
114,102	-	42,842	-	-	1,455,698	43,594	-	-	1,571,154	2
-	-	-	-	-	-	-	-	-	-	3
-	-	-	-	-	1,705,969	-	-	-	-	4
-	-	-	-	-	-	-	-	-	-	5
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	6
-	-	-	-	137,994	56,324	-	-	4,882,273	-	7
114,102	68,456	42,842	504,113	137,994	3,217,991	43,594	229,093	4,882,273	5,844,431	8
114,118	63,415	39,477	367,416	9,660	826,663	43,594	235,660	4,656,488	793,511	9
-	-	-	-	-	-	-	-	-	5,001,802	10
-	-	-	-	-	-	-	-	-	-	11
-	-	-	-	130,140	-	-	-	-	-	12
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	13
-	-	-	137,994	-	-	-	-	56,324	-	14
114,118	63,415	39,477	505,410	139,800	826,663	43,594	235,660	4,712,812	5,795,313	15
-	-	-	-	-	28,196	-	-	35,060	50,301	16
-	5,041	3,365	-1,297	- 587	16,643	-	-6,134	120,825	20,717	17
-16	-	-	-	-1,219	2,346,489 ⁽²⁾	-	-433	13,576	-21,900	18
114,102	68,456	42,842	504,113	137,994	3,217,991	43,594	229,093	4,882,273	5,844,431	19

OPERATING STATISTICS BY COMPANY

July, 1959

TABLE 2

	Total	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- ceous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>MCF* sendout - daily average</u>							
July, 1959	615,891	23,358	159,098	27,082	417	2,985	491
Year to date 1959	825,261	23,751	189,397	43,701	786	3,252	1,728
<u>MCF* sendout - on peak day of month</u>							
July, 1959	xxx	23,782	186,761	31,290	584	3,476	927
<u>Operating revenues</u>							
1st quarter - 1959	\$ 19,489,401 ^r	68,854	793,383	687,394	21,593	17,079	94,072
2nd quarter - 1959	\$ 15,787,238 ^r	64,169	646,978	541,331	17,560	15,126	53,911
3rd quarter - 1959	\$						
4th quarter - 1959	\$						
<u>Average no. of employees</u>							
July, 1959	1,190	11	146	(1)	1	1	5
Year to date 1959	1,158	14	122	(1)	1	1	5
<u>Total salaries and wages</u>							
July, 1959	\$ 567,405	4,745	66,786	(1)	300	300	1,401
Year to date 1959	\$ 3,812,849	39,347	396,646	(1)	2,100	2,100	9,782

* Thousand cubic feet at 14.73 p.s.i.a. and 60°F
 r - Revised.

(1) No employees; labour performed by associated company.

July, 1959

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
3,680	2,046	1,273	16,304	4,510	26,667	1,406	7,602	152,026	186,946
5,498	5,948	2,590	29,784	7,653	73,913	3,387	9,768	187,509	236,596
4,489	8,347	3,521	18,754	7,567	32,379	1,678	10,270	175,827	215,203
349	13,906	12,282	57,571	372,649	3,647,890	93,400r	64,793	7,376,707	6,167,479
180	15,657	9,295	48,108	265,946	2,209,187	54,351r	53,539	6,351,180	5,440,720
-	(1)	(1)	(1)	9	44	3	3	719	248
-	(1)	(1)	(1)	9	40	3	3	709	251
-	(1)	(1)	(1)	4,262	16,800	975	1,135	341,223	129,478
-	(1)	(1)	(1)	29,834	106,800	6,825	7,945	2,303,715	907,755

NATURAL GAS TRANSMISSION BY MONTH

January to July, 1959

MCF*

TABLE 3

	January	February	March	April	May
<u>Natural gas received into system</u>					
1 From own gathering systems	8,342,126	7,385,921	8,184,073	7,709,464	7,505,000
2 From other gathering systems	13,233,000	11,676,297	11,721,693	10,578,904	10,585,093
3 From storage	-	-	-	-	-
4 From foreign transmission lines	390,297	31,393	208,508	1,363,972	1,181,370
5 From other	-	-	-	-	-
6 <u>Total net receipts</u> ⁽¹⁾ (1+2+3+4+5)	21,965,423	19,093,611	20,114,274	19,652,340	19,271,463
7 From Canadian transmission lines	7,158,217	6,580,653	6,605,042	5,744,012	5,793,551
8 <u>Total gross receipts</u> (6+7)	29,123,640	25,674,264	26,719,316	25,396,352	25,065,014
<u>Natural gas delivered out of system</u>					
9 To distribution systems	14,981,888	13,450,614	12,727,603	10,337,345	9,398,792
10 To foreign transmission lines	8,286,237	7,247,487	7,992,853	7,978,089	7,095,184
11 To storage	-	-	-	-	-
12 To industrial consumers and others	1,118,756	996,794	1,073,697	1,003,081	974,857
13 <u>Total net deliveries</u> ⁽¹⁾ (9+10+11+12)	24,386,881	21,694,895	21,794,153	19,318,515	17,468,833
14 To Canadian transmission lines	7,158,217	6,580,653	6,605,042	5,744,012	5,793,551
15 <u>Total gross deliveries</u> (13+14)	31,545,098	28,275,548	28,399,195	25,062,527	23,262,384
16 Pipeline fuel	272,202	191,894	246,233	165,742	133,657
17 Pipeline losses and metering difference	129,708	181,815	204,964	149,722	172,929
18 Line pack fluctuations	- 2,823,368 ⁽²⁾	- 2,974,993 ⁽³⁾	- 2,131,076 ⁽⁴⁾	18,361 ⁽⁵⁾	1,496,044 ⁽⁶⁾
19 <u>Total disposition of receipts</u> (15+16+17+18)	29,123,640	25,674,264	26,719,316	25,396,352	25,065,014

* Thousand cubic feet at 14.73 p.s.i.a. and 60°F

(1) Not applicable to individual companies.

(2) Includes receipts from storage within the system of 2,601,573 MCF.

(3) Includes receipts from storage within the system of 2,948,966 MCF.

(4) Includes receipts from storage within the system of 2,124,291 MCF.

January to July, 1959

MCF*

June	July	August	September	October	November	December	Year to date	
6,132,420	5,925,351						51,184,355	1
8,841,839	9,017,919						75,654,745	2
-	-						-	3
1,521,622	1,705,969						6,403,131	4
-	-						-	5
16,495,881	16,649,239						133,242,231	6
4,887,706	5,076,591						41,845,772	7
21,383,587	21,725,830						175,088,003	8
7,696,334	7,185,425						75,778,001	9
5,776,829	5,841,322						50,218,001	10
-	-						-	11
957,207	989,295						7,113,687	12
14,430,370	14,016,042						133,109,689	13
4,887,706	5,076,591						41,845,772	14
19,318,076	19,092,633						174,955,461	15
116,123	115,498						1,241,349	16
107,397	194,063						1,140,598	17
1,841,991 ⁽⁷⁾	2,323,636 ⁽⁸⁾						- 2,249,405 ⁽⁹⁾	18
21,383,587	21,725,830						175,088,003	19

(5) Includes net deliveries to storage within the system of 31,210 MCF.

(6) Includes net deliveries to storage within the system of 1,399,621 MCF.

(7) Includes deliveries to storage within the system of 2,198,793 MCF.

(8) Includes deliveries to storage within the system of 2,346,489 MCF.

(9) Includes net receipts from storage within the system of 1,698,717 MCF.

MONTHLY NATURAL GAS RECEIPTS AND DELIVERIES BY CANADIAN PIPE LINE SYSTEMS

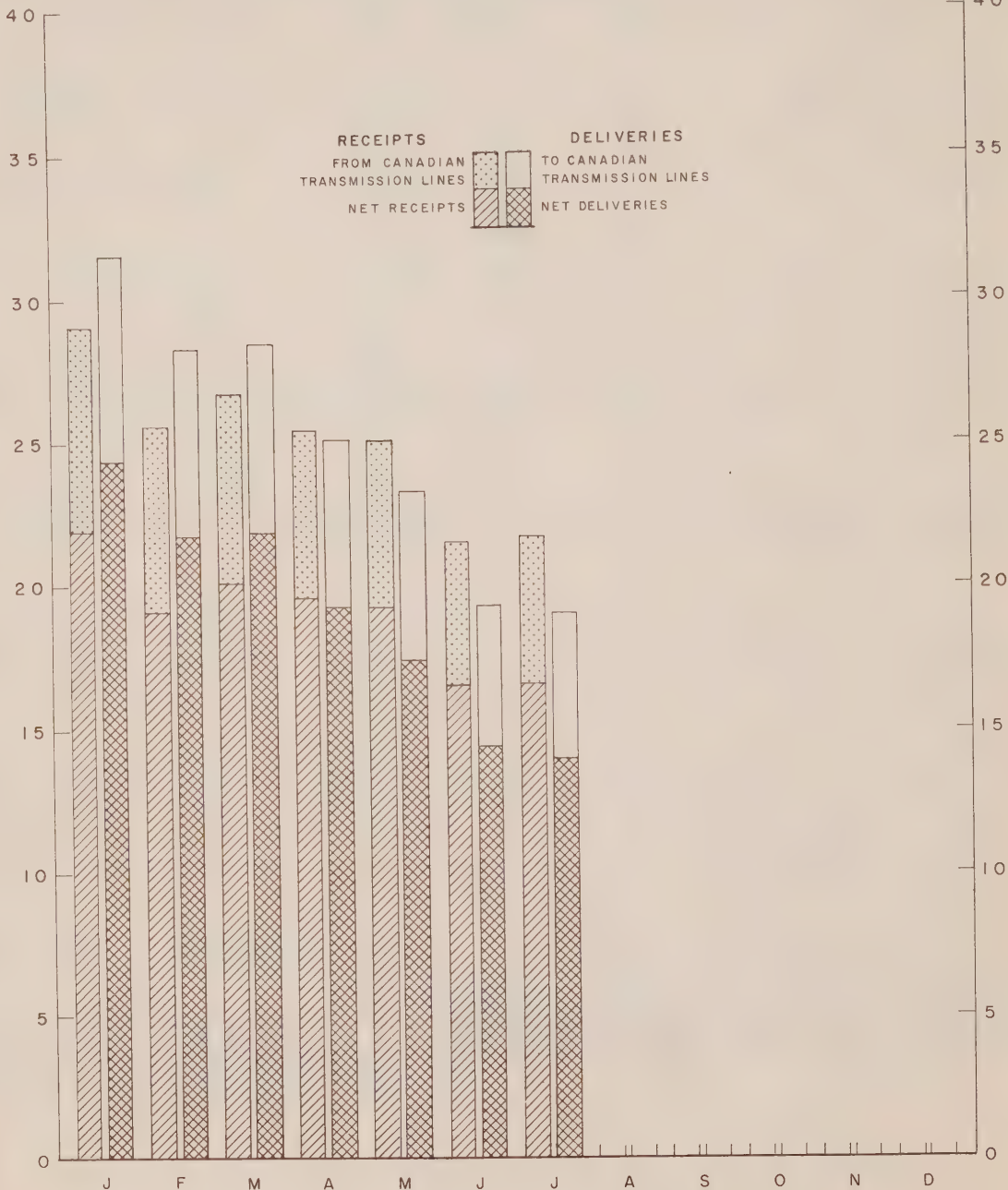
1959

BILLION
CUBIC FEET

BILLION
CUBIC FEET

RECEIPTS
FROM CANADIAN
TRANSMISSION LINES
NET RECEIPTS

DELIVERIES
TO CANADIAN
TRANSMISSION LINES
NET DELIVERIES





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GAS PIPE LINE TRANSPORT

August, 1959

The first report in the monthly Gas Pipe Line Transport series encompassed the period January to June, 1959 inclusive. This is the third report in the series, the second having covered the month of July. The first annual Gas Pipe Line Transport report will be compiled for the year 1959 and will provide financial and property statistics as well as a summary of monthly operations. Previous years' data are not available for comparison.

Net deliveries of natural gas in August through Canadian pipe lines totalled 15,256,132 MCF, a rise of 8.8 per cent from the total of 14,016,042 MCF delivered in the previous month. Of this total, 8,433,164 MCF or 55.3 per cent was delivered to distribution systems, 5,809,884 (38.1 per cent) to foreign transmission lines, and 1,013,084 (6.6 per cent) to industrial consumers and others. Canadian inter-company transfers of 5,465,569 MCF brought total gross deliveries to 20,721,701 MCF. Daily average sendout for August was 668,442, up 52,551 MCF from the average in July of 615,891.

For the eight month period ended August 31, 1959, net deliveries totalled 148,365,821 MCF, of which 84,211,165 or 56.8 per cent was delivered to distribution systems, 56,027,885 (37.8 per cent) to foreign transmission lines, and 8,126,771 (5.4 per cent) to industrial consumers and others. Canadian inter-company transfers of 47,311,341 MCF brought total gross deliveries to 195,677,162.

Net deliveries in August of 15,256,132 MCF represented a break in the almost constant month to month decline which saw net deliveries fall in a seasonal pattern from a seven month high in January of 24,386,881 MCF to a low of 14,016,042 in July.

During August the number of employees of gas pipe line companies increased slightly to 1,194 from 1,190 in July. Earnings, however, decreased to \$559,439 from \$567,405, resulting in a drop in average monthly earnings per employee to \$469 from \$477. During the eight month period ended August 31, 1959, an average of 1,162 employees earned \$4,372,288.

The statistics included in this report refer to the operations of companies primarily engaged in the transmission of natural gas and hence do not comprise the transmission operations of companies predominantly involved in the distribution of natural gas.

Sales of gas by distributing utilities are issued monthly in the report "Sales of Manufactured and Natural Gas". An annual report of gas utilities engaged primarily in the distribution of gas will be issued in 1960 encompassing their total operations.

A "transmission" pipe line is defined as a pipe line constructed to carry natural gas at any stage between gas processing plants (residue gas) or field gate meter points (dry gas) and local distribution systems. Transmission pipe lines may receive gas directly from processing plants or field gate meter points or may receive gas from another transmission line or storage area. Also, transmission lines may deliver to other transmission lines or storage areas rather than directly to distribution systems.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

8504-567-89

August, 1959

MCF*

TABLE 1

	Total	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- ceous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>Natural gas received into system</u>							
1 From own gathering systems	6,711,778	712,229	-	-	13,231	98,141	19,066
2 From other gathering systems	9,593,267	-	5,267,124	666,780	-	-	-
3 From storage	-	-	-	-	-	-	-
4 From foreign transmission lines	1,732,017	-	-	-	-	-	-
5 From other	-	-	-	-	-	-	-
6 <u>Total net receipts</u> ⁽¹⁾ (1+2+3+4+5)	18,037,062	xxx	xxx	xxx	xxx	xxx	xxx
7 From Canadian transmission lines	5,465,569	-	-	-	-	-	-
8 <u>Total gross receipts</u> (6+7)	23,502,631	712,229	5,267,124	666,780	13,231	98,141	19,066
<u>Natural gas delivered out of system</u>							
9 To distribution systems	8,433,164	2,056	10,033	-	13,972	-	19,066
10 To foreign transmission lines	5,809,884	-	-	646,850	-	-	-
11 To storage	-	-	-	-	-	-	-
12 To industrial consumers and others	1,013,084	710,173	7,895	39	-	93,809	-
13 <u>Total net deliveries</u> ⁽¹⁾ (9+10+11+12)	15,256,132	xxx	xxx	xxx	xxx	xxx	xxx
14 To Canadian transmission lines	5,465,569	-	5,194,457	-	-	-	-
15 <u>Total gross deliveries</u> (13+14)	20,721,701	712,229	5,212,385	646,889	13,972	93,809	19,066
16 Pipeline fuel	144,656	-	457	-	114	969	-
17 Pipeline losses and metering difference	72,349	-	-5,083	19,423	-855	3,363	-
18 Line pack fluctuations	⁽²⁾ 2,563,925	-	59,365	468	-	-	-
19 <u>Total disposition of receipts</u> (15+16+17+18)	23,502,631	712,229	5,267,124	666,780	13,231	98,141	19,066

* Thousand cubic feet at 14.73 p.s.i.a. and 60°F

(1) Not applicable to individual companies

(2) Includes deliveries to storage within the system of 2,476,385 MCF

August, 1959

MCF*

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
-	225,682	-	855,328	-	-	39,386	294,794	-	4,453,921 1
189,844	-	98,502	-	-	1,602,626	13,383	-	-	1,755,008 2
-	-	-	-	-	-	-	-	-	- 3
-	-	-	-	-	1,732,017	-	-	-	- 4
-	-	-	-	-	-	-	-	-	- 5
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx 6
-	-	-	-	214,607	56,505	-	-	5,194,457	- 7
189,844	225,682	98,502	855,328	214,607	3,391,148	52,769	294,794	5,194,457	6,208,929 8
189,871	233,943	100,246	635,091	14,761	902,018	52,769	302,578	5,015,571	941,189 9
-	-	-	-	-	-	-	-	-	5,163,034 10
-	-	-	-	-	-	-	-	-	- 11
-	-	-	-	201,168	-	-	-	-	- 12
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx 13
-	-	-	214,607	-	-	-	-	56,505	- 14
189,871	233,943	100,246	849,698	215,929	902,018	52,769	302,578	5,072,076	6,104,223 15
-	-	-	-	-	32,809	-	-	52,845	57,462 16
-	-8,261	-1,744	5,630	-1,322	-20,064	-	-8,014	75,112	14,164 17
-27	-	-	-	-	(2) 2,476,385	-	230	-5,576	33,080 18
189,844	225,682	98,502	855,328	214,607	3,391,148	52,769	294,794	5,194,457	6,208,929 19

OPERATING STATISTICS BY COMPANY

August, 1959

TABLE 2

	Total	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- ceous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>MCF* sendout - daily average</u>							
August, 1959	668,442	22,975	168,142	20,868	450	3,026	616
Year to date 1959	805,256	23,652	186,686	40,789	744	3,222	1,586
<u>MCF* sendout - on peak day of month</u>							
August, 1959	xxx	24,113	202,636	29,504	654	3,504	1,043
<u>Operating revenues</u>							
1st quarter - 1959	\$ 19,489,918 ^r	68,854	793,383	687,394	21,593	17,079	94,589 ^r
2nd quarter - 1959	\$ 15,787,756 ^r	64,169	646,978	541,331	17,560	15,126	54,429 ^r
3rd quarter - 1959	\$						
4th quarter - 1959	\$						
<u>Average no. of employees</u>							
August, 1959	1,194	11	144	(1)	1	1	5
Year to date 1959	1,162	14	125	(1)	1	1	5
<u>Total salaries and wages</u>							
August, 1959	\$ 559,439	4,745	66,194	(1)	300	300	1,335
Year to date 1959	\$ 4,372,288	44,092	462,840	(1)	2,400	2,400	11,117

* Thousand cubic feet at 14.73 p.s.i.a. and 60°F

r Revised

(1) No employees; labour performed by associated company

August, 1959

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
6,125	7,546	3,234	27,410	6,965	29,097	1,702	9,760	163,616	196,910
5,578	6,152	2,672	29,481	7,565	68,196	3,172	9,767	184,461	231,533
9,379	9,813	3,820	38,856	8,489	36,625	2,325	10,649	200,540	222,224
349	13,906	12,282	57,571	372,649	3,647,890	93,400	64,793	7,376,707	6,167,479
180	15,657	9,295	48,108	265,946	2,209,187	54,351	53,539	6,351,180	5,440,720
-	(1)	(1)	(1)	9	44	3	3	729	244
-	(1)	(1)	(1)	9	40	3	3	711	250
-	(1)	(1)	(1)	4,262	16,800	975	1,135	331,564	131,829
-	(1)	(1)	(1)	34,096	123,600	7,800	9,080	2,635,279	1,039,584

January to August, 1959

MCF*

TABLE 3

	January	February	March	April	May
<u>Natural gas received into system</u>					
1 From own gathering systems	8,342,126	7,385,921	8,184,073	7,709,464	7,505,000
2 From other gathering systems	13,233,000	11,676,297	11,721,693	10,578,904	10,585,093
3 From storage	-	-	-	-	-
4 From foreign transmission lines	390,297	31,393	208,508	1,363,972	1,181,370
5 From other	-	-	-	-	-
6 <u>Total net receipts</u> ⁽¹⁾ (1+2+3+4+5)	21,965,423	19,093,611	20,114,274	19,652,340	19,271,463
7 From Canadian transmission lines	7,158,217	6,580,653	6,605,042	5,744,012	5,793,551
8 <u>Total gross receipts</u> (6+7)	29,123,640	25,674,264	26,719,316	25,396,352	25,065,014
<u>Natural gas delivered out of system</u>					
9 To distribution systems	14,981,888	13,450,614	12,727,603	10,337,345	9,398,792
10 To foreign transmission lines	8,286,237	7,247,487	7,992,853	7,978,089	7,095,184
11 To storage	-	-	-	-	-
12 To industrial consumers and others	1,118,756	996,794	1,073,697	1,003,081	974,857
13 <u>Total net deliveries</u> ⁽¹⁾ (9+10+11+12)	24,386,881	21,694,895	21,794,153	19,318,515	17,468,833
14 To Canadian transmission lines	7,158,217	6,580,653	6,605,042	5,744,012	5,793,551
15 <u>Total gross deliveries</u> (13+14)	31,545,098	28,275,548	28,399,195	25,062,527	23,262,384
16 Pipeline fuel	272,202	191,894	246,233	165,742	133,657
17 Pipeline losses and metering difference	129,708	181,815	204,964	149,722	172,929
18 Line pack fluctuations	-2,823,368 ⁽²⁾	-2,974,993 ⁽³⁾	-2,131,076 ⁽⁴⁾	18,361 ⁽⁵⁾	1,496,044 ⁽⁶⁾
19 <u>Total disposition of receipts</u> (15+16+17+18)	29,123,640	25,674,264	26,719,316	25,396,352	25,065,014

* Thousand cubic feet at 14.73 p.s.i.a. and 60°F

(1) Not applicable to individual companies

(2) Includes receipts from storage within the system of 2,601,573 MCF

(3) Includes receipts from storage within the system of 2,948,966 MCF

(4) Includes receipts from storage within the system of 2,124,291 MCF

(5) Includes net deliveries to storage within the system of 31,210 MCF

NATURAL GAS TRANSMISSION BY MONTH

7

January to August, 1959

MCF*

June	July	August	September	October	November	December	Year to date
6,132,420	5,925,351	6,711,778					57,896,133 1
8,841,839	9,017,919	9,593,267					85,248,012 2
-	-	-					- 3
1,521,622	1,705,969	1,732,017					8,135,148 4
-	-	-					- 5
16,495,881	16,649,239	18,037,062					151,279,293 6
4,887,706	5,076,591	5,465,569					47,311,341 7
21,383,587	21,725,830	23,502,631					198,590,634 8
7,696,334	7,185,425	8,433,164					84,211,165 9
5,776,829	5,841,322	5,809,884					56,027,885 10
-	-	-					- 11
957,207	989,295	1,013,084					8,126,771 12
14,430,370	14,016,042	15,256,132					148,365,821 13
4,887,706	5,076,591	5,465,569					47,311,341 14
19,318,076	19,092,633	20,721,701					195,677,162 15
116,123	115,498	144,656					1,386,005 16
107,397	194,063	72,349					1,212,947 17
1,841,991 ⁽⁷⁾	2,323,636 ⁽⁸⁾	2,563,925 ⁽⁹⁾					314,520 ⁽¹⁰⁾ 18
21,383,587	21,725,830	23,502,631					198,590,634 19

(6) Includes net deliveries to storage within the system of 1,399,621 MCF

(7) Includes deliveries to storage within the system of 2,198,793 MCF

(8) Includes deliveries to storage within the system of 2,346,489 MCF

(9) Includes deliveries to storage within the system of 2,476,385 MCF

(10) Includes net deliveries to storage within the system of 777,668 MCF

MONTHLY NATURAL GAS RECEIPTS AND DELIVERIES BY CANADIAN PIPE LINE SYSTEMS

1959

BILLION
CUBIC FEET

BILLION
CUBIC FEET





DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Government
Publications

GAS PIPE LINE TRANSPORT

September, 1959

Government
Publications

Price: \$2.00 per year.

This report is the fourth in the Gas Pipe Line Transport monthly series. The first report covered the period January to June inclusive. Successive reports covered the months of July and August. The first annual Gas Pipe Line Transport report will be compiled for the year 1959 and will provide financial and property statistics as well as a summary of operations. Previous years' data are not available for comparison.

Net deliveries of natural gas in September through Canadian pipe lines totalled 15,016,263 MCF, 1.7 per cent lower than the 15,277,367 MCF delivered in the previous month. Of this total, 8,403,930 MCF or 56.0 per cent was delivered to distribution systems, 5,618,910 (37.4 per cent) to foreign transmission lines, and 993,423 (6.6 per cent) to industrial consumers and others. Canadian inter-company transfers of 4,838,178 MCF brought total gross deliveries to 19,854,441. Daily average sendout for September was 661,815 MCF compared with 669,170, the daily average in August.

For the nine month period ended September 30, 1959, net deliveries totalled 163,772,204 MCF, of which 93,005,216 MCF or 56.8 per cent was delivered to distribution systems, 61,646,794 (37.6 per cent) to foreign transmission lines, and 9,120,194 (5.6 per cent) to industrial consumers and others. Canadian inter-company transfers of 52,153,470 MCF brought total gross deliveries to 215,925,674.

The number of employees of gas pipe line companies decreased to 1,148 from 1,194 in the previous month. Earnings, however, increased to \$561,943 from \$559,439 as average monthly earnings per employee rose to \$489 from \$469.

Canadian gas pipe line companies reported operating revenues of \$13,954,281 for the third quarter of 1959 bringing the nine month total to \$49,231,955.

The statistics included in this report refer to the operations of companies primarily engaged in the transmission of natural gas and hence do not comprise the transmission operations of companies predominately involved in the distribution of natural gas.

Sales of gas by distributing utilities are issued monthly in the report "Sales of Manufactured and Natural Gas". An annual report of gas utilities engaged primarily in the distribution of gas will be issued in 1960 encompassing their total operations.

A "transmission" pipe line is defined as a pipe line constructed to carry natural gas at any stage between gas processing plants (residue gas) or field gate meter points (dry gas) and local distribution systems. Transmission pipe lines may receive gas directly from processing plants or field gate meter points or may receive gas from another transmission line or storage area. Also, transmission lines may deliver to other transmission lines or storage areas rather than directly to distribution systems.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division

8504-567-99

September, 1959

MCF*

TABLE 1

	Total	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- ceous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>Natural gas received into system</u>							
1 From own gathering systems	6,655,635	688,551	-	-	20,021	97,388	28,916
2 From other gathering systems	8,222,139	-	4,691,857	664,433	-	-	-
3 From storage	-	-	-	-	-	-	-
4 From foreign transmission lines	1,693,188	-	-	-	-	-	-
5 From other	-	-	-	-	-	-	-
6 <u>Total net receipts</u> ⁽¹⁾ (1+2+3+4+5)	16,570,962	xxx	xxx	xxx	xxx	xxx	xxx
7 From Canadian transmission lines	4,838,178	-	-	-	-	-	-
8 <u>Total gross receipts</u> (6+7)	21,409,140	688,551	4,691,857	664,433	20,021	97,388	28,916
<u>Natural gas delivered out of system</u>							
9 To distribution systems	8,403,930	3,644	10,135	-	21,096	-	28,916
10 To foreign transmission lines	5,618,910	-	-	671,825	-	-	-
11 To storage	-	-	-	-	-	-	-
12 To industrial consumers and others	993,423	684,907	-	63	-	90,563	-
13 <u>Total net deliveries</u> ⁽¹⁾ (9+10+11+12)	15,016,263	xxx	xxx	xxx	xxx	xxx	xxx
14 To Canadian transmission lines	4,838,178	-	4,538,963	-	-	-	-
15 <u>Total gross deliveries</u> (13+14)	19,854,441	688,551	4,549,098	671,888	21,096	90,563	28,916
16 Pipeline fuel	126,652	-	606	-	195	1,253	-
17 Pipeline losses and metering difference	71,666	-	-32,198	-7,397	-1,270	5,133	-
18 <u>Line pack fluctuations</u> ⁽²⁾	1,356,381	-	174,351	-58	-	439	-
19 <u>Total disposition of receipts</u> (15+16+17+18)	21,409,140	688,551	4,691,857	664,433	20,021	97,388	28,916

* Thousand cubic feet at 14.73 p.s.i.a. (pounds per square inch absolute) and 60° F.

(1) Not applicable to individual companies.

(2) Includes deliveries to storage within the system of 1,199,135 MCF.

September, 1959

MCF*

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
-	211,069	-	1,073,667	-	-	59,230	285,923	-	4,190,870 1
282,776	-	118,734	-	-	460,867	12,277	-	-	1,991,195 2
-	-	-	-	-	-	-	-	-	- 3
-	-	-	-	-	1,693,188	-	-	-	- 4
-	-	-	-	-	-	-	-	-	- 5
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx 6
-	-	-	-	244,000	55,215	-	-	4,538,963	- 7
282,776	211,069	118,734	1,073,667	244,000	2,209,270	71,507	285,923	4,538,963	6,182,065 8
282,776	216,036	119,896	810,600	26,032	1,011,704	71,507	289,184	4,316,471	1,195,933 9
-	-	-	-	-	-	-	-	-	4,947,085 10
-	-	-	-	-	-	-	-	-	- 11
-	-	-	-	217,890	-	-	-	-	- 12
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx 13
-	-	-	244,000	-	-	-	-	55,215	- 14
282,776	216,036	119,896	1,054,600	243,922	1,011,704	71,507	289,184	4,371,686	6,143,018 15
-	-	-	-	-	24,261	-	-	37,933	62,404 16
-	-4,967	-1,162	19,067	78	-25,830	-	-3,241	117,377	6,076 17
-	-	-	-	-	(2) 1,199,135	-	-20	11,967	-29,433 18
282,776	211,069	118,734	1,073,667	244,000	2,209,270	71,507	285,923	4,538,963	6,182,065 19

September, 1959

TABLE 2

	Total	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- ceous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>MCF* sendout - daily average</u>							
September, 1959	661,815	22,951	151,636	22,397	703	3,019	964
Year to date 1959	790,937	23,575	182,835	38,767	739	3,200	1,517
<u>MCF* sendout - on peak day of month</u>							
September, 1959	xxx	23,447	213,483	37,528	975	4,129	1,636
<u>Operating revenues</u>							
1st quarter - 1959	\$ 19,489,918	68,854	793,383	687,394	21,593	17,079	94,589
2nd quarter - 1959	\$ 15,787,756	64,169	646,978	541,331	17,560	15,126	54,429
3rd quarter - 1959	\$ 13,954,281	64,521	598,925	314,783	12,284	15,075	46,325
4th quarter - 1959	\$						
<u>Average no. of employees</u>							
September, 1959	1,148	10	139	(1)	1	1	5
Year to date 1959	1,161	13	127	(1)	1	1	5
<u>Total salaries and wages</u>							
September, 1959	\$ 561,943	4,091	72,526	(1)	300	300	1,197
Year to date 1959	\$ 4,934,231	48,183	535,366	(1)	2,700	2,700	12,314

* Thousand cubic feet at 14.73 p.s.i.a. (pounds per square inch absolute) and 60° F.

(1) Estimated.

(2) No employees; labour performed by associated company.

September, 1959

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
9,426	7,201	3,997	35,153	8,131	33,723	2,384	9,639	145,723	204,768
6,001	6,267	2,818	30,104	7,627	65,837	3,085	9,752	180,220	228,593
10,735 ⁽¹⁾	10,567	4,394	43,090	9,652	67,947	3,680	11,305	197,338	250,105
349	13,906	12,282	57,571	372,649	3,647,890	93,400	64,793	7,376,707	6,167,479
180	15,657	9,295	48,108	265,946	2,209,187	54,351	53,539	6,351,180	5,440,720
296	12,430	11,284	44,827	262,337	1,600,890	45,751	53,355	5,985,343	4,885,855
-	(1)	(1)	(1)	9	63	3	3	681	233
-	(1)	(1)	(1)	9	43	3	3	708	248
-	(1)	(1)	(1)	4,261	24,700	975	1,135	325,410	127,048
-	(1)	(1)	(1)	38,357	148,300	8,775	10,215	2,960,689	1,166,632

JANUARY - SEPTEMBER, 1959⁽¹⁾

MCF*

TABLE 3

	January	February	March	April	May
<u>Natural gas received into system</u>					
1 From own gathering systems	8,342,126	7,385,920	8,184,073	7,709,464	7,505,000
2 From other gathering systems	13,267,618	11,695,597	11,741,028	10,592,405	10,616,044
3 From storage	-	-	-	-	-
4 From foreign transmission lines	392,444	31,393	213,416	1,396,082	1,209,183
5 From other	-	-	-	-	-
6 <u>Total net receipts</u> ⁽²⁾ <u>(1+2+3+4+5)</u>	22,002,188	19,112,910	20,138,517	19,697,951	19,330,227
7 From Canadian transmission lines	7,160,483	6,580,653	6,605,042	5,744,012	5,793,550
8 <u>Total gross receipts (6+7)</u>	29,162,671	25,693,563	26,743,559	25,441,963	25,123,777
<u>Natural gas delivered out of system</u>					
9 To distribution systems	15,081,922	13,538,810	12,801,235	10,380,659	9,424,192
10 To foreign transmission lines	8,286,237	7,247,487	7,992,853	7,978,089	7,095,183
11 To storage	-	-	-	-	-
12 To industrial consumers and others	1,118,756	996,794	1,073,697	1,003,081	974,857
13 <u>Total net deliveries</u> ⁽²⁾ <u>(9+10+11+12)</u>	24,486,915	21,783,091	21,867,785	19,361,829	17,494,232
14 To Canadian transmission lines	7,160,483	6,580,653	6,605,042	5,744,012	5,793,550
15 <u>Total gross deliveries (13+14)</u>	31,647,398	28,363,744	28,472,827	25,105,841	23,287,782
16 Pipeline fuel	273,552	192,021	246,360	166,040	134,021
17 Pipeline losses and metering difference	126,335	182,214	205,457	150,986	172,978
18 Line pack fluctuations	-2,884,614 ⁽³⁾	-3,044,416 ⁽⁴⁾	-2,181,085 ⁽⁵⁾	19,096 ⁽⁶⁾	1,528,996 ⁽⁷⁾
19 <u>Total disposition of receipts (15+16+17+18)</u>	29,162,671	25,693,563	26,743,559	25,441,963	25,123,777

* Thousand cubic feet at 14.73 p.s.i.a. (pounds per square inch absolute) and 60° F.

(1) Contains revisions.

(2) Not applicable to individual companies.

(3) Includes receipts from storage within the system of 2,662,818 MCF.

(4) Includes receipts from storage within the system of 3,018,389 MCF.

(5) Includes receipts from storage within the system of 2,174,300 MCF.

(6) Includes net deliveries to storage within the system of 31,945 MCF.

JANUARY - SEPTEMBER, 1959⁽¹⁾

MCF*

June	July	August	September	October	November	December	Year to date
6,132,420	5,925,351	6,711,778	6,655,635				64,551,767 1
8,875,540	9,052,188	9,630,995	8,222,139				93,693,554 2
-	-	-	-				- 3
1,557,443	1,746,130	1,772,791	1,693,188				10,012,070 4
-	-	-	-				- 5
16,565,403	16,723,669	18,115,564	16,570,962				168,257,391 6
4,888,028	5,076,625	5,466,899	4,838,178				52,153,470 7
21,453,431	21,800,294	23,582,463	21,409,140				220,410,861 8
7,715,183	7,204,886	8,454,399	8,403,930				93,005,216 9
5,776,829	5,841,322	5,809,884	5,618,910				61,646,794 10
-	-	-	-				- 11
957,207	989,295	1,013,084	993,423				9,120,194 12
14,449,219	14,035,503	15,277,367	15,016,263				163,772,204 13
4,888,028	5,076,625	5,466,899	4,838,178				52,153,470 14
19,337,247	19,112,128	20,744,266	19,854,441				215,925,674 15
116,695	116,162	145,428	126,652				1,516,931 16
105,735	193,128	70,546	71,666				1,279,045 17
1,893,754 ⁽⁸⁾	2,378,876 ⁽⁹⁾	2,622,223 ⁽¹⁰⁾	1,356,381 ⁽¹¹⁾				1,689,211 ⁽¹²⁾ 18
21,453,431	21,800,294	23,582,463	21,409,140				220,410,861 19

(7) Includes net deliveries to storage within the system of 1,432,570 MCF.

(8) Includes deliveries to storage within the system of 2,250,556 MCF.

(9) Includes deliveries to storage within the system of 2,401,729 MCF.

(10) Includes deliveries to storage within the system of 2,534,683 MCF.

(11) Includes deliveries to storage within the system of 1,199,135 MCF.

(12) Includes net deliveries to storage within the system of 1,995,111 MCF.

MONTHLY NATURAL GAS RECEIPTS AND DELIVERIES BY CANADIAN PIPE LINE SYSTEMS

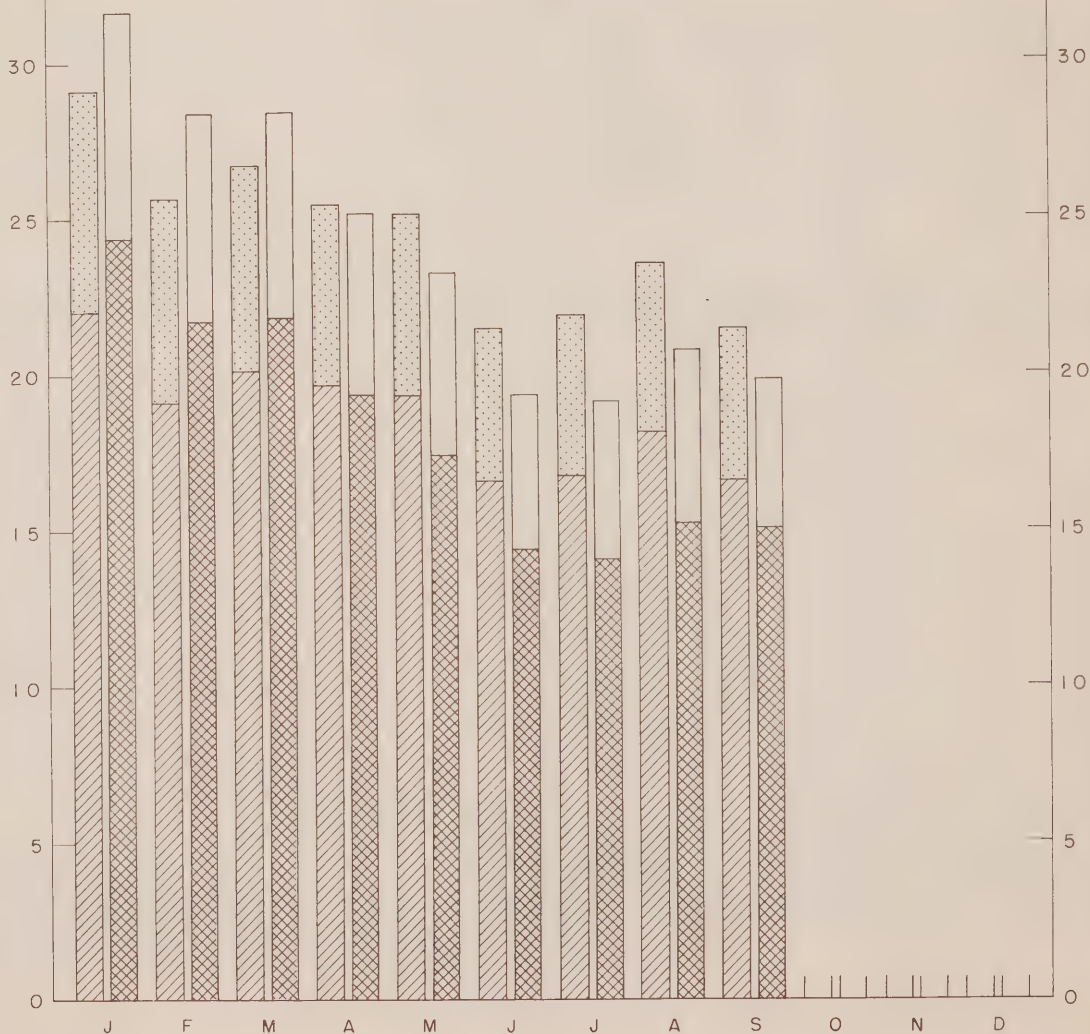
1959

BILLION
CUBIC FEET
40

BILLION
CUBIC FEET
40

RECEIPTS
FROM CANADIAN
TRANSMISSION LINES
NET RECEIPTS

DELIVERIES
TO CANADIAN
TRANSMISSION LINES
NET DELIVERIES





DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

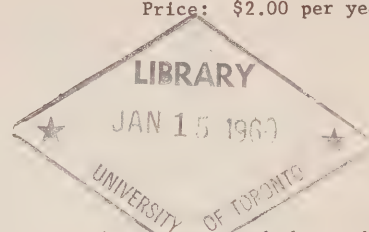
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GAS PIPE LINE TRANSPORT

October, 1959



The first report in the monthly Gas Pipe Line Transport series encompassed the period January to June, 1959 inclusive. Monthly reports have been issued subsequently. The first annual Gas Pipe Line Transport report will be compiled for the year 1959 and will provide financial and property statistics as well as a summary of monthly operations. Previous years' data are not available for comparison.

Reflecting seasonal requirements, net deliveries of natural gas increased sharply in October. The total of 19,875,825 MCF was 32.4 per cent greater than the total of 15,016,263 in September. Deliveries to distribution systems increased 43 per cent to 12,008,544 MCF while deliveries to foreign transmission lines rose 20 per cent to 6,755,192. Industrial and other customers accounted for 1,112,089 MCF, up 12 per cent from September. Canadian inter-company transfers of 7,661,262 MCF brought total gross deliveries in October to 27,537,087. Daily average sendout for October was 888,293 MCF, up 226,478 from the September average of 661,815.

For the ten month period ended October 31, 1959, net deliveries totalled 183,648,029 MCF. Of this total, 105,013,760 MCF, or 57.2 per cent was delivered to distribution systems, 68,401,986 (37.2 per cent) to foreign transmission lines, and 10,232,283 (5.6 per cent) to industrial consumers and others. Canadian inter-company transfers of 59,814,732 MCF brought total gross deliveries to 243,462,761.

A slight decrease was recorded in employees and earnings. In October 1,146 employees earned \$549,273 compared with 1,148 employees and earnings of \$561,943 in September.

The statistics included in this report refer to the operations of companies primarily engaged in transmission of natural gas and hence do not comprise the transmission operations of companies predominantly involved in the distribution of natural gas.

Sales of gas by distributing utilities are issued monthly in the report "Sales of Manufactured and Natural Gas". An annual report of gas utilities engaged primarily in the distribution of gas will be issued in 1960 encompassing their total operations.

A "transmission" pipe line is defined as a pipe line constructed to carry natural gas at any stage between gas processing plants (residue gas) or field gate meter points (dry gas) and local distribution systems. Transmission pipe lines may receive gas directly from processing plants or field gate meter points or may receive gas from another transmission line or storage area. Also, transmission lines may deliver to other transmission lines or storage areas rather than directly to distribution systems.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

8504-567-109

October, 1959

MCF*

TABLE 1

	Total	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- ceous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>Natural gas received into system</u>							
1 From own gathering systems	7,832,073	712,234	-	-	22,903	126,183	52,429
2 From other gathering systems	11,711,019	-	7,092,790	1,091,381	-	-	-
3 From storage	-	-	-	-	-	-	-
4 From foreign transmission lines	1,622,102	-	-	-	-	-	-
5 From other	-	-	-	-	-	-	-
(1) 6 <u>Total net receipts (1+2+3+4+5)</u>	21,165,194	xxx	xxx	xxx	xxx	xxx	xxx
7 From Canadian transmission lines	7,661,262	-	-	-	-	-	-
8 <u>Total gross receipts (6+7)</u>	28,826,456	712,234	7,092,790	1,091,381	22,903	126,183	52,429
<u>Natural gas delivered out of system</u>							
9 To distribution systems	12,008,544	6,063	24,226	-	23,764	-	52,429
10 To foreign transmission lines	6,755,192	-	-	1,030,697	-	-	-
11 To storage	-	-	-	-	-	-	-
12 To industrial consumers and others	1,112,089	706,171	2,739	118	-	120,436	-
(1) 13 <u>Total net deliveries (9+10+11+12)</u>	19,875,825	xxx	xxx	xxx	xxx	xxx	xxx
14 To Canadian transmission lines	7,661,262	-	7,064,538	-	-	-	-
15 <u>Total gross deliveries (13+14)</u>	27,537,087	712,234	7,091,503	1,030,815	23,764	120,436	52,429
16 Pipeline fuel	195,475	-	1,552	-	254	2,241	-
17 Pipeline losses and metering difference	117,017	-	-4,142	60,525	-1,115	3,506	-
(2) 18 Line pack fluctuations	976,877	-	3,877	41	-	-	-
19 <u>Total disposition of receipts (15+16+17+18)</u>	28,826,456	712,234	7,092,790	1,091,381	22,903	126,183	52,429

* Thousand cubic feet at 14.73 p.s.i.a. (pounds per square inch absolute) and 60° F.

(1) Not applicable to individual companies.

(2) Includes net deliveries to storage of 559,157 MCF.

October, 1959

MCF*

Government
Publications

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
-	295,517	-	1,194,235	-	-	69,280	336,259	-	5,023,033 1
464,010	-	73,146	-	-	533,356	29,447	-	-	2,426,889 2
-	-	-	-	-	-	-	-	-	- 3
-	-	-	-	-	1,622,102	-	-	-	- 4
-	-	-	-	-	-	-	-	-	- 5
XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX 6
-	-	-	-	319,976	276,748	-	-	7,064,538	- 7
464,010	295,517	73,146	1,194,235	319,976	2,432,206	98,727	336,259	7,064,538	7,449,922 8
464,010	295,296	76,568	869,850	41,120	1,790,295	98,727	343,324	6,256,478	1,666,394 9
-	-	-	-	-	-	-	-	-	5,724,495 10
-	-	-	-	-	-	-	-	-	- 11
-	-	-	-	282,625	-	-	-	-	- 12
XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX 13
-	-	-	319,976	-	-	-	-	276,748	- 14
464,010	295,296	76,568	1,189,826	323,745	1,790,295	98,727	343,324	6,533,226	7,390,889 15
-	-	-	-	-	19,122	-	-	78,427	93,879 16
2	221	-3,422	4,409	-3,769	63,632	-	-7,204	43,258	-38,884 17
-2	-	-	-	-	559,157 ⁽²⁾	-	139	409,627	4,038 18
464,010	295,517	73,146	1,194,235	319,976	2,432,206	98,727	336,259	7,064,538	7,449,922 19

OPERATING STATISTICS BY COMPANY

October, 1959

TABLE 2

	Total	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- ceous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
1 <u>MCF* sendout - daily average</u>							
2 October, 1959	888,293	22,975	228,758	33,252	767	3,885	1,691
3 Year to date 1959	800,864	23,513	187,517	38,205	743	3,270	1,536
4 <u>MCF* sendout - on peak day of month</u>							
5 October, 1959	xxx	26,061	287,268	40,057	1,021	4,488	3,483
6 <u>Operating revenues</u>							
7 1st quarter - 1959	\$ 19,489,918	68,854	793,383	687,394	21,593	17,079	94,589
8 2nd quarter - 1959	\$ 15,787,756	64,169	646,978	541,331	17,560	15,126	54,429
9 3rd quarter - 1959	\$ 13,954,281	64,521	598,925	314,783	12,284	15,075	46,325
10 4th quarter - 1959	\$						
11 <u>Average no. of employees</u>							
12 October, 1959	1,146	9	139	(1)	1	1	5
13 Year to date 1959	1,160	13	128	(1)	1	1	5
14 <u>Total salaries and wages</u>							
15 October, 1959	\$ 549,273	4,155	64,346	(1)	300	300	1,451
16 Year to date 1959	\$ 5,483,504	52,338	599,712	(1)	3,000	3,000	13,765

* Thousand cubic feet at 14.73 p.s.i.a. (pounds per square inch absolute) and 60° F.

(1) No employees; labour performed by associated company.

OPERATING STATISTICS BY COMPANY

5

October, 1959

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.	
										1
14,968	9,526	2,470	38,382	10,443	57,751	3,185	11,075	210,749	238,416	2
6,915	6,600	2,782	30,948	7,915	65,012	3,095	9,887	183,332	229,594	3
										4
15,788	10,905	3,035	43,535	11,709	108,771	4,135	11,541	280,560	257,999	5
										6
349	13,906	12,282	57,571	372,649	3,647,890	93,400	64,793	7,376,707	6,167,479	7
180	15,657	9,295	48,108	265,946	2,209,187	54,351	53,539	6,351,180	5,440,720	8
296	12,430	11,284	44,827	262,337	1,600,890	45,751	53,355	5,985,343	4,885,855	9
										10
										11
-	(1)	(1)	(1)	9	63	3	3	684	229	12
-	(1)	(1)	(1)	9	45	3	3	706	246	13
										14
-	(1)	(1)	(1)	4,262	24,700	975	1,135	324,174	123,475	15
-	(1)	(1)	(1)	42,619	173,000	9,750	11,350	3,284,863	1,290,107	16

NATURAL GAS TRANSMISSION BY MONTH

January-October, 1959

MCF*

TABLE 3

	January	February	March	April	May
<u>Natural gas received into system</u>					
1 From own gathering systems	8,342,126	7,385,920	8,184,073	7,709,464	7,505,000
2 From other gathering systems	13,267,618	11,695,597	11,741,028	10,592,405	10,616,044
3 From storage	-	-	-	-	-
4 From foreign transmission lines	392,444	31,393	213,416	1,396,082	1,209,183
5 From other	-	-	-	-	-
6 <u>Total net receipts</u> ⁽¹⁾ (1+2+3+4+5)	22,002,188	19,112,910	20,138,517	19,697,951	19,330,227
7 From Canadian transmission lines	7,160,483	6,580,653	6,605,042	5,744,012	5,793,550
8 <u>Total gross receipts</u> (6+7)	29,162,671	25,693,563	26,743,559	25,441,963	25,123,777
<u>Natural gas delivered out of system</u>					
9 To distribution systems	15,081,922	13,538,810	12,801,235	10,380,659	9,424,192
10 To foreign transmission lines	8,286,237	7,247,487	7,992,853	7,978,089	7,095,183
11 To storage	-	-	-	-	-
12 To industrial consumers and others	1,118,756	996,794	1,073,697	1,003,081	974,857
13 <u>Total net deliveries</u> ⁽¹⁾ (9+10+11+12)	24,486,915	21,783,091	21,867,785	19,361,829	17,494,232
14 To Canadian transmission lines	7,160,483	6,580,653	6,605,042	5,744,012	5,793,550
15 <u>Total gross deliveries</u> (13+14)	31,647,398	28,363,744	28,472,827	25,105,841	23,287,782
16 Pipeline fuel	273,552	192,021	246,360	166,040	134,021
17 Pipeline losses and metering difference	126,335	182,214	205,457	150,986	172,978
18 Line pack fluctuations	⁽²⁾ -2,884,614	⁽³⁾ -3,044,416	⁽⁴⁾ -2,181,085	⁽⁵⁾ 19,096	⁽⁶⁾ 1,528,996
19 <u>Total disposition of receipts</u> (15+16+17+18)	29,162,671	25,693,563	26,743,559	25,441,963	25,123,777

* Thousand cubic feet at 14.73 p.s.i.a. (pounds per square inch absolute) and 60° F.

(1) Not applicable to individual companies.

(2) Includes receipts from storage within the system of 2,662,818 MCF.

(3) Includes receipts from storage within the system of 3,018,389 MCF.

(4) Includes receipts from storage within the system of 2,174,300 MCF.

(5) Includes net deliveries to storage within the system of 31,945, MCF.

(6) Includes net deliveries to storage within the system of 1,432,570 MCF.

NATURAL GAS TRANSMISSION BY MONTH

7

January-October, 1959

MCF*

June	July	August	September	October	November	December	Year to date
6,132,420	5,925,351	6,711,778	6,655,635	7,832,073			72,383,840 1
8,875,540	9,052,188	9,630,995	8,222,139	11,711,019			105,404,573 2
-	-	-	-	-			- 3
1,557,443	1,746,130	1,772,791	1,693,188	1,622,102			11,634,172 4
-	-	-	-	-			- 5
16,565,403	16,723,669	18,115,564	16,570,962	21,165,194			189,422,585 6
4,888,028	5,076,625	5,466,899	4,838,178	7,661,262			59,814,732 7
21,453,431	21,800,294	23,582,463	21,409,140	28,826,456			249,237,317 8
7,715,183	7,204,886	8,454,399	8,403,930	12,008,544			105,013,760 9
5,776,829	5,841,322	5,809,884	5,618,910	6,755,192			68,401,986 10
-	-	-	-	-			- 11
957,207	989,295	1,013,084	993,423	1,112,089			10,232,283 12
14,449,219	14,035,503	15,277,367	15,016,263	19,875,825			183,648,029 13
4,888,028	5,076,625	5,466,899	4,838,178	7,661,262			59,814,732 14
19,337,247	19,112,128	20,744,266	19,854,441	27,537,087			243,462,761 15
116,695	116,162	145,428	126,652	195,475			1,712,406 16
105,735	193,128	70,546	71,666	117,017			1,396,062 17
(7) 1,893,754	(8) 2,378,876	(9) 2,622,223	(10) 1,356,381	(11) 976,877			(12) 2,666,088 18
21,453,431	21,800,294	23,582,463	21,409,140	28,826,456			249,237,317 19

(7) Includes deliveries to storage within the system of 2,250,556 MCF.

(8) Includes deliveries to storage within the system of 2,401,729 MCF.

(9) Includes deliveries to storage within the system of 2,534,683 MCF.

(10) Includes deliveries to storage within the system of 1,199,135 MCF.

(11) Includes net deliveries to storage within the system of 559,157 MCF.

(12) Includes net deliveries to storage within the system of 2,554,268 MCF.

MONTHLY NATURAL GAS RECEIPTS AND DELIVERIES BY CANADIAN PIPE LINE SYSTEMS

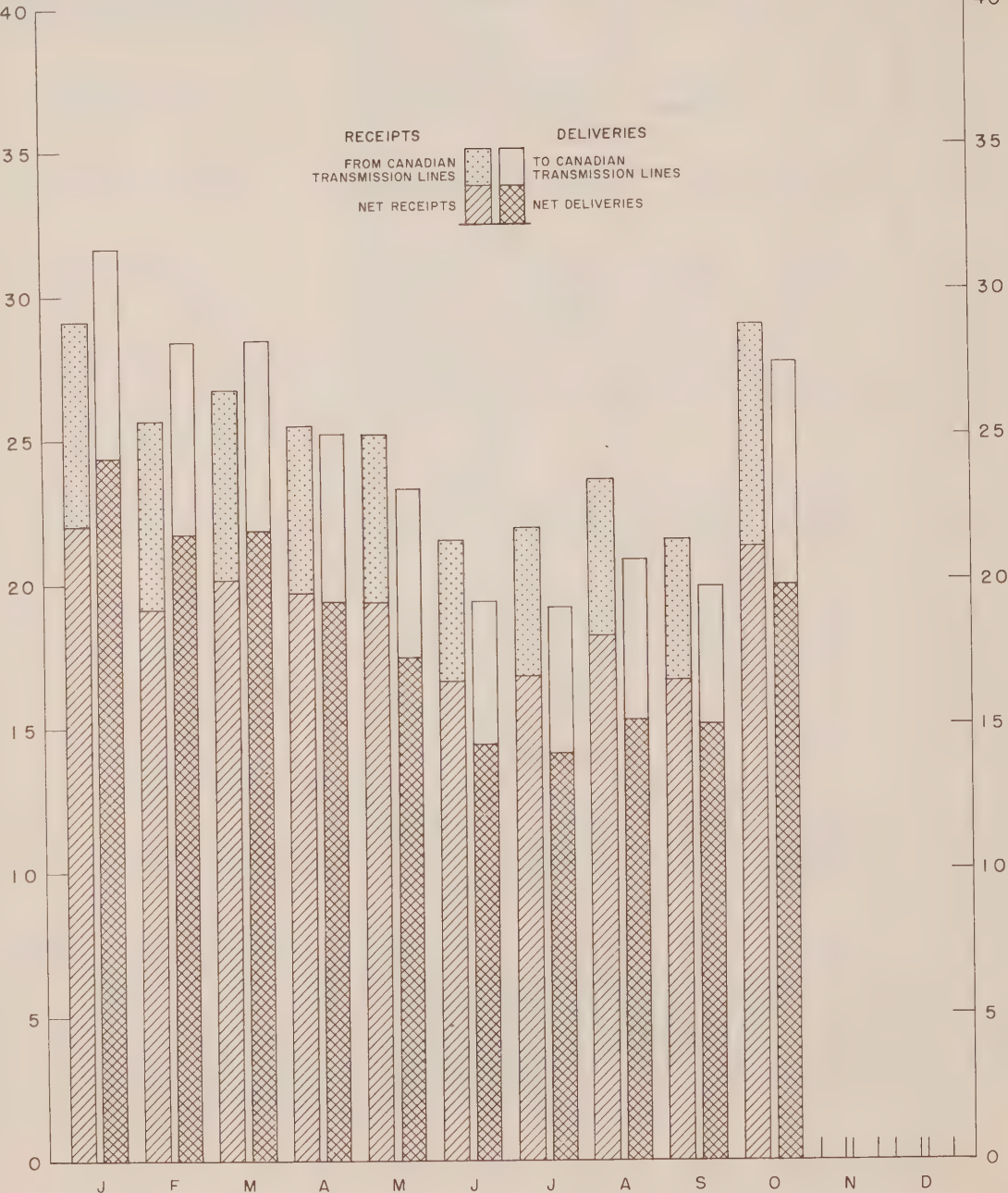
1959

BILLION
CUBIC FEET

BILLION
CUBIC FEET

RECEIPTS
FROM CANADIAN
TRANSMISSION LINES
NET RECEIPTS

DELIVERIES
TO CANADIAN
TRANSMISSION LINES
NET DELIVERIES



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OTTAWA - CANADA

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GAS PIPE LINE TRANSPORT

November, 1959

The first report in the monthly Gas Pipe Line Transport series encompassed the period January to June, 1959 inclusive. Monthly reports have been issued subsequently. The first annual Gas Pipe Line Transport report will be compiled for the year 1959 and will provide financial and property statistics as well as a summary of monthly operations. Previous years' data are not available for comparison.

Net deliveries of natural gas through Canadian pipe lines totalled 23,150,508 MCF in November, up 16.5 per cent from the total of 19,875,825 MCF delivered in the previous month. Deliveries to distribution systems increased 27.7 per cent to 15,329,856 MCF from 12,008,544 and deliveries to industrial consumers and others increased 6.9 per cent to 1,188,402 MCF from 1,112,089. Foreign transmission lines received 6,632,250 MCF, down slightly from 6,755,192 in the previous month. Canadian inter-company transfers of 11,312,565 MCF brought total gross deliveries to 34,463,073. Daily average sendout for November was 1,148,769, up 260,476 from the October average of 888,293.

For the eleven month period ended November 30, 1959, net deliveries totalled 206,798,537 MCF. Of this total, 120,343,616 MCF or 58.2 per cent was delivered to distribution systems, 75,034,236 (36.3 per cent) to foreign transmission lines and 11,420,685 (5.5 per cent) to industrial consumers and others. Canadian inter-company transfers of 71,127,297 MCF brought total gross deliveries to 277,925,834.

The number of employees of gas pipe line companies increased to 1,165 from 1,146 in the previous month while earnings rose to \$556,308 from \$549,273.

The statistics included in this report refer to the operations of companies primarily engaged in transmission of natural gas and hence do not comprise the transmission operations of companies predominantly involved in the distribution of natural gas.

Sales of gas by distributing utilities are issued monthly in the report "Sales of Manufactured and Natural Gas". An annual report of gas utilities engaged primarily in the distribution of gas will be issued in 1960 encompassing their total operations.

A "transmission" pipe line is defined as a pipe line constructed to carry natural gas at any stage between gas processing plants (residue gas) or field gate meter points (dry gas) and local distribution systems. Transmission pipe lines may receive gas directly from processing plants or field gate meter points or may receive gas from another transmission line or storage area. Also, transmission lines may deliver to other transmission lines or storage areas rather than directly to distribution systems.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

8504-567-119

November, 1959

MCF*

TABLE 1

	Total	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- ceous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>Natural Gas received into System</u>							
1 From own gathering systems	8,277,956	773,989	-	-	26,841	127,581	75,862
2 From other gathering systems	14,639,571	-	9,695,641	1,292,353	-	-	-
3 From storage	-	-	-	-	-	-	-
4 From foreign transmission lines	-	-	-	-	-	-	-
5 From other	-	-	-	-	-	-	-
6 <u>Total net receipts</u> ⁽¹⁾ (1+2+3+4+5)	22,917,527	xxx	xxx	xxx	xxx	xxx	xxx
7 From Canadian transmission lines	11,312,565	-	-	-	-	-	-
8 <u>Total gross receipts</u> (6+7)	34,230,092	773,989	9,695,641	1,292,353	26,841	127,581	75,862
<u>Natural gas delivered out of system</u>							
9 To distribution systems	15,329,856	9,165	116,282	-	27,424	-	75,862
10 To foreign transmission lines	6,632,250	-	-	1,245,422	-	-	-
11 To storage	-	-	-	-	-	-	-
12 To industrial consumers and others	1,188,402	764,824	28,382	170	-	119,922	-
13 <u>Total net deliveries</u> ⁽¹⁾ (9+10+11+12)	23,150,508	xxx	xxx	xxx	xxx	xxx	xxx
14 To Canadian transmission lines	11,312,565	-	9,611,152	-	-	-	-
15 <u>Total gross deliveries</u> (13+14)	34,463,073	773,989	9,755,816	1,245,592	27,424	119,922	75,862
16 Pipeline fuel	295,097	-	1,681	-	1,055	2,442	-
17 Pipeline losses and metering difference	85,341	-	-37,603	45,415	-1,436	5,217	-
18 Line pack fluctuations	-613,419 ⁽²⁾	-	-24,253	1,346	-202	-	-
19 <u>Total disposition of receipts</u> (15+16+17+18)	34,230,092	773,989	9,695,641	1,292,353	26,841	127,581	75,862

* Thousand cubic feet at 14.73 p.s.i.a. (pounds per square inch absolute) and 60°F.

(1) Not applicable to individual companies

(2) Includes net receipts from storage within the system of 737,241 MCF

November, 1959

MCF*

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipe-lines Ltd.	Peace River Trans-mission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Trans-mission Co. Ltd.
-	314,651	-	1,192,714	-	-	72,636	330,671	-	5,363,011
512,725	-	56,825	-	-	681,904	50,369	-	-	2,349,754
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	-	325,574	1,375,839	-	-	9,611,152	-
512,725	314,651	56,825	1,192,714	325,574	2,057,743	123,005	330,671	9,611,152	7,712,765
512,725	317,792	58,920	859,615	58,573	2,781,887	123,005	336,197	7,873,879	2,178,530
-	-	-	-	-	-	-	-	-	5,386,828
-	-	-	-	-	-	-	-	-	-
-	-	-	-	275,104	-	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	325,574	-	-	-	-	1,375,839	-
512,725	317,792	58,920	1,185,189	333,677	2,781,887	123,005	336,197	9,249,718	7,565,358
-	-	-	-	-	6,937	-	-	171,087	111,895
-16	-3,141	-2,095	7,525	-6,286	6,160	-	-5,415	81,346	-4,330
16	-	-	-	-1,817	-737,241 ⁽²⁾	-	-111	109,001	39,842
512,725	314,651	56,825	1,192,714	325,574	2,057,743	123,005	330,671	9,611,152	7,712,765

OPERATING STATISTICS BY COMPANY

November, 1959

TABLE 2

	Total	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- ceous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>MCF* sendout - daily average</u>							
November, 1959	1,148,769	25,800	325,193	41,520	914	3,997	2,528
Year to date 1959	832,113	23,720	199,883	38,503	757	3,335	1,625
<u>MCF* sendout - on peak day of month</u>							
November, 1959	XXX	27,945	403,228	53,728	1,563	4,686	4,176
<u>Operating revenues</u>							
1st quarter - 1959	\$ 19,489,918	68,854	793,383	687,394	21,593	17,079	94,589
2nd quarter - 1959	\$ 15,787,756	64,169	646,978	541,331	17,560	15,126	54,429
3rd quarter - 1959	\$ 13,954,281	64,521	598,925	314,783	12,284	15,075	46,325
4th quarter - 1959	\$						
<u>Average no. of employees</u>							
November, 1959	1,165	9	142	(1)	2	1	5
Year to date 1959	1,160	13	129	(1)	1	1	5
<u>Total salaries and wages</u>							
November, 1959	\$ 556,308	4,229	65,808	(1)	1,000	300	1,431
Year to date 1959	\$ 6,039,812	56,567	665,520	(1)	4,000	3,300	15,196

* Thousand cubic feet at 14.73 p.s.i.a. (pounds per square inch absolute) and 60°F.

(1) No employees; labour performed by associated company.

OPERATING STATISTICS BY COMPANY

5

November, 1959

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
17,091	10,593	1,964	39,506	11,123	92,730	4,100	11,207	308,324	252,179
7,829	6,958	2,708	31,717	8,203	67,502	3,186	10,006	194,559	231,622
17,117	11,658	2,290	46,680	12,268	191,774	6,057	11,584	330,040	273,732
349	13,906	12,282	57,571	372,649	3,647,890	93,400	64,793	7,376,707	6,167,479
180	15,657	9,295	48,108	265,946	2,209,187	54,351	53,539	6,351,180	5,440,720
296	12,430	11,284	44,827	262,337	1,600,890	45,751	53,355	5,985,343	4,885,855
-	(1)	(1)	(1)	9	63	3	3	700	228
-	(1)	(1)	(1)	9	46	3	3	705	245
-	(1)	(1)	(1)	4,261	24,700	975	1,135	329,389	123,080
-	(1)	(1)	(1)	46,880	197,700	10,725	12,485	3,614,252	1,413,187

January-November, 1959

MCF*

TABLE 3

	January	February	March	April	May
<u>Natural Gas Received into System</u>					
1 From own gathering systems	8,342,126	7,385,920	8,184,073	7,709,464	7,505,000
2 From other gathering systems	13,267,618	11,695,597	11,741,028	10,592,405	10,616,044
3 From storage	-	-	-	-	-
4 From foreign transmission lines	392,444	31,393	213,416	1,396,082	1,209,183
5 From other	-	-	-	-	-
6 <u>Total net receipts (1+2+3+4+5)</u>	22,002,188	19,112,910	20,138,517	19,697,951	19,330,227
7 From Canadian transmission lines	7,160,483	6,580,653	6,605,042	5,744,012	5,793,550
8 <u>Total gross receipts (6+7)</u>	29,162,671	25,693,563	26,743,559	25,441,963	25,123,777
<u>Natural gas delivered out of system</u>					
9 To distribution systems	15,081,922	13,538,810	12,801,235	10,380,659	9,424,192
10 To foreign transmission lines	8,286,237	7,247,487	7,992,853	7,978,089	7,095,183
11 To storage	-	-	-	-	-
12 To industrial consumers and others	1,118,756	996,794	1,073,697	1,003,081	974,857
13 <u>Total net deliveries (9+10+11+12)</u>	24,486,915	21,783,091	21,867,785	19,361,829	17,494,232
14 To Canadian transmission lines	7,160,483	6,580,653	6,605,042	5,744,012	5,793,550
15 <u>Total gross deliveries (13+14)</u>	31,647,398	28,363,744	28,472,827	25,105,841	23,287,782
16 Pipeline fuel	273,552	192,021	246,360	166,040	134,021
17 Pipeline losses and metering difference	126,335	182,214	205,457	150,986	172,978
18 Line pack fluctuations	-2,884,614 ⁽¹⁾	-3,044,416 ⁽²⁾	-2,181,085 ⁽³⁾	19,096 ⁽⁴⁾	1,528,996 ⁽⁵⁾
19 <u>Total disposition of receipts (15+16+17+18)</u>	29,162,671	25,693,563	26,743,559	25,441,963	25,123,777

* Thousand cubic feet at 14.73 p.s.i.a. (pounds per square inch absolute) and 60°F.

(1) Includes receipts from storage within the system of 2,662,818 MCF

(2) Includes receipts from storage within the system of 3,018,389 MCF

(3) Includes receipts from storage within the system of 2,174,300 MCF

(4) Includes net deliveries to storage within the system of 31,945 MCF

(5) Includes net deliveries to storage within the system of 1,432,570 MCF

NATURAL GAS TRANSMISSION BY MONTH

7

January-November, 1959

MCF*

June	July	August	September	October	November	December	Year to date
6,132,420	5,925,351	6,711,778	6,655,635	7,832,073	8,277,956		80,661,796 1
8,875,540	9,052,188	9,630,995	8,222,139	11,711,019	14,639,571		120,044,144 2
-	-	-	-	-	-		- 3
1,557,443	1,746,130	1,772,791	1,693,188	1,622,102	-		11,634,172 4
-	-	-	-	-	-		- 5
16,565,403	16,723,669	18,115,564	16,570,962	21,165,194	22,917,527		212,340,112 6
4,888,028	5,076,625	5,466,899	4,838,178	7,661,262	11,312,565		71,127,297 7
21,453,431	21,800,294	23,582,463	21,409,140	28,826,456	34,230,092		283,467,409 8
7,715,183	7,204,886	8,454,399	8,403,930	12,008,544	15,329,856		120,343,616 9
5,776,829	5,841,322	5,809,884	5,618,910	6,755,192	6,632,250		75,034,236 10
-	-	-	-	-	-		- 11
957,207	989,295	1,013,084	993,423	1,112,089	1,188,402		11,420,685 12
14,449,219	14,035,503	15,277,367	15,016,263	19,875,825	23,150,508		206,798,537 13
4,888,028	5,076,625	5,466,899	4,838,178	7,661,262	11,312,565		71,127,297 14
19,337,247	19,112,128	20,744,266	19,854,441	27,537,087	34,463,073		277,925,834 15
116,695	116,162	145,428	126,652	195,475	295,097		2,007,503 16
105,735	193,128	70,546	71,666	117,017	85,341		1,481,403 17
(6) 1,893,754	(7) 2,378,876	(8) 2,622,223	(9) 1,356,381	(10) 976,877	(11) -613,419		(12) 2,052,669 18
21,453,431	21,800,294	23,582,463	21,409,140	28,826,456	34,230,092		283,467,409 19

(6) Includes deliveries to storage within the system of 2,250,556 MCF

(7) Includes deliveries to storage within the system of 2,401,729 MCF

(8) Includes deliveries to storage within the system of 2,534,683 MCF

(9) Includes deliveries to storage within the system of 1,199,135 MCF

(10) Includes net deliveries to storage within the system of 559,157 MCF

(11) Includes net receipts from storage within the system of 737,241 MCF

(12) Includes net deliveries to storage within the system of 1,817,027 MCF

MONTHLY NATURAL GAS RECEIPTS AND DELIVERIES BY CANADIAN PIPE LINE SYSTEMS

1959

BILLION
CUBIC FEET

BILLION
CUBIC FEET

40

40

35

35

30

30

25

25

20

20

15

15

10

10

5

5

0

0

RECEIPTS
FROM CANADIAN
TRANSMISSION LINES
NET RECEIPTS

DELIVERIES
TO CANADIAN
TRANSMISSION LINES
NET DELIVERIES

J

F

M

A

M

J

J

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S

O

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D



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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GAS PIPE LINE TRANSPORT

December, 1959

The first report in the monthly Gas Pipe Line Transport series encompassed January to June, 1959 inclusive. Monthly reports have been issued subsequently. The first annual Gas Pipe Line Transport report will be compiled for the year 1959 and will provide financial and property statistics as well as a summary of monthly operations. Previous years' data are not available for comparison.

In December, net deliveries of natural gas through Canadian pipe lines reached a high of 25,976,662 MCF, up 12.2 per cent from the total of 23,150,508 MCF delivered in November. Deliveries to distribution systems increased 8.6 per cent to 16,650,906 MCF from 15,329,856 in the previous month and deliveries to foreign transmission lines, at 8,141,364 MCF were 22.8 per cent above the previous total of 6,632,250. However, deliveries to industrial consumers and others decreased slightly to 1,184,392 MCF from 1,188,402. Canadian inter-company transfers of 12,400,844 MCF brought total gross deliveries to 38,377,506. The daily average sendout for December was 1,237,984 MCF, up 89,215 from the November average, 1,148,769.

For the twelve months ended December 31, 1959, net deliveries totalled 232,775,199 MCF. This was comprised of 136,994,522 MCF (58.9 per cent) delivered to distribution systems, 83,175,600 (35.7 per cent) to foreign transmission lines, and 12,605,077 (5.4 per cent) to industrial consumers and others. Canadian inter-company transfers of 83,528,141 MCF brought total gross deliveries to 316,303,340.

This month 1,153 employees of gas pipe line companies earned \$545,546, down from November when 1,165 employees earned \$556,308.

Canadian pipe line companies reported operating revenues of \$21,625,969 for the fourth quarter of 1959 bringing the twelve-month total to \$70,857,924.

The statistics included in this report refer to the operations of companies primarily engaged in transmission of natural gas and hence do not comprise the transmission operations of companies predominantly involved in the distribution of natural gas.

Sales of gas by distributing utilities are issued monthly in the report "Sales of Manufactured and Natural Gas". An annual report of gas utilities engaged primarily in the distribution of gas will be issued in 1960 encompassing their total operations.

A "transmission" pipe line is defined as a pipe line constructed to carry natural gas at any stage between gas processing plants (residue gas) or field gate meter points (dry gas) and local distribution systems. Transmission pipe lines may receive gas directly from processing plants or field gate meter points or may receive gas from another transmission line or storage area. Also, transmission lines may deliver to other transmission lines or storage areas rather than directly to distribution systems.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

8504-567-129

NATURAL GAS TRANSMISSION BY COMPANY

December, 1959

MCF*

TABLE 1

	Total	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- ceous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>Natural Gas received into System</u>							
1 From own gathering systems	9,216,501	833,144	-	-	39,745	129,482	74,336
2 From other gathering systems	16,175,458	-	10,796,151	1,641,298	-	-	-
3 From storage	-	-	-	-	-	-	-
4 From foreign transmission lines	-	-	-	-	-	-	-
5 From other	-	-	-	-	-	-	-
(1) 6 <u>Total net receipts (1+2+3+4+5)</u>	25,391,959	xxx	xxx	xxx	xxx	xxx	xxx
7 From Canadian transmission lines	12,400,844	-	-	-	-	-	-
8 <u>Total gross receipts (6+7)</u>	37,792,803	833,144	10,796,151	1,641,298	39,745	129,482	74,336
<u>Natural gas delivered out of system</u>							
9 To distribution systems	16,650,906	8,973	41,104	-	40,012	-	74,336
10 To foreign transmission lines	8,141,364	-	-	1,619,560	-	-	-
11 To storage	-	-	-	-	-	-	-
12 To industrial consumers and others	1,184,392	824,171	5,692	179	-	121,523	-
(1) 13 <u>Total net deliveries (9+10+11+12)</u>	25,976,662	xxx	xxx	xxx	xxx	xxx	xxx
14 To Canadian transmission lines	12,400,844	-	10,690,796	-	-	-	-
15 <u>Total gross deliveries (13+14)</u>	38,377,506	833,144	10,737,592	1,619,739	40,012	121,523	74,336
16 Pipeline fuel	335,450	-	1,737	-	1,817	2,579	-
17 Pipeline losses and metering difference	85,831	-	29,046	21,233	- 2,084	5,380	-
18 Line pack fluctuations	- 1,005,984	-	27,776	326	-	-	-
19 <u>Total disposition of receipts (15+16+17+18)</u>	37,792,803	833,144	10,796,151	1,641,298	39,745	129,482	74,336

* Thousand cubic feet at 14.73 p.s.i.a. (pounds per square inch absolute) and 60°F

(1) Not applicable to individual companies.

(2) Includes receipts from storage within the system of 1,191,495 MCF

December, 1959

MCF*

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
-	273,050	-	909,577	-	-	117,062	341,937	-	6,498,168 1
526,257	-	110,568	-	-	616,131	12,394	-	-	2,472,659 2
-	-	-	-	-	-	-	-	-	- 3
-	-	-	-	-	-	-	-	-	- 4
-	-	-	-	-	-	-	-	-	- 5
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx 6
-	-	-	-	288,926	1,421,122	-	-	10,690,796	- 7
526,257	273,050	110,568	909,577	288,926	2,037,253	129,456	341,937	10,690,796	8,970,827 8
526,257	269,570	112,000	612,568	62,392	3,179,300	129,456	347,708	8,834,182	2,413,048 9
-	-	-	-	-	-	-	-	-	6,521,804 10
-	-	-	-	-	-	-	-	-	- 11
-	-	-	-	232,827	-	-	-	-	- 12
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx 13
-	-	-	288,926	-	-	-	-	1,421,122	- 14
526,257	269,570	112,000	901,494	295,219	3,179,300	129,456	347,708	10,255,304	8,934,852 15
-	-	-	-	-	6,262	-	-	181,571	141,484 16
-	3,480	- 1,432	8,083	- 6,293	43,186	-	- 5,795	40,078	- 49,051 17
-	-	-	-	-	- 1,191,495	-	24	213,843	- 56,458 18
526,257	273,050	110,568	909,577	288,926	2,037,253	129,456	341,937	10,690,796	8,970,827 19

December, 1959

TABLE 2

	Total	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- ceous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>MCF* sendout - daily average</u>							
December, 1959	1,237,984	26,876	346,374	52,250	1,291	3,920	2,398
Year to date 1959	858,365	23,987	212,326	39,670	803	3,385	1,690
<u>MCF* sendout - on peak day of month</u>							
December, 1959	XXX	27,380	388,262	60,259	1,431	4,503	2,928
<u>Operating revenues</u>							
1st quarter - 1959	\$ 19,489,918	68,854	793,383	687,394	21,593	17,079	94,589
2nd quarter - 1959	\$ 15,787,756	64,169	646,978	541,331	17,560	15,126	54,429
3rd quarter - 1959	\$ 13,954,281	64,521	598,925	314,783	12,284	15,075	46,325
4th quarter - 1959	\$ 21,625,969	70,476	1,233,433	568,203	29,386	25,962	80,807
<u>Average no. of employees</u>							
December, 1959	1,153	9	143	(1)	2	1	5
Year to date 1959	1,160	12	131	(1)	1	1	5
<u>Total salaries and wages</u>							
December, 1959	\$ 545,546	4,871	65,751	(1)	1,000	300	1,443
Year to date 1959	\$ 6,585,358	61,438	731,271	(1)	5,000	3,600	16,639

* Thousand cubic feet at 14.73 p.s.i.a. (pounds per square inch absolute) and 60°F.

(1) No employees, labour performed by associated company.

December, 1959

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabaman) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
16,976	8,696	3,613	29,080	9,523	102,558	4,176	11,216	330,816	288,221
8,606	7,106	2,785	31,494	8,314	70,479	3,270	10,109	197,911	236,430
17,551	10,468	4,312	35,344	12,432	188,628	5,171	11,377	359,212	313,438
349	13,906	12,282	57,571	372,649	3,647,890	93,400	64,793	7,376,707	6,167,479
180	15,657	9,295	48,108	265,946	2,209,187	54,351	53,539	6,351,180	5,440,720
296	12,688 ^r	11,026 ^r	44,827	262,337	1,600,890	45,751	53,355	5,985,343	4,885,855
756	21,802	10,482	60,734	410,542	3,195,623	75,441	66,239	9,875,698	5,900,385
-	(1)	(1)	(1)	9	63	3	3	689	226
-	(1)	(1)	(1)	9	48	3	3	704	243
-	(1)	(1)	(1)	4,261	24,700	975	1,135	323,351	117,759
-	(1)	(1)	(1)	51,141	222,400	11,700	13,620	3,937,603	1,530,946

^r Revised.

January - December, 1959

MCF*

TABLE 3

	January	February	March	April	May
<u>Natural Gas Received into System</u>					
1 From own gathering systems	8,342,126	7,385,920	8,184,073	7,709,464	7,505,000
2 From other gathering systems	13,267,618	11,695,597	11,741,028	10,592,405	10,616,044
3 From storage	-	-	-	-	-
4 From foreign transmission lines	392,444	31,393	213,416	1,396,082	1,209,183
5 From other	-	-	-	-	-
6 <u>Total net receipts (1+2+3+4+5)</u>	22,002,188	19,112,910	20,138,517	19,697,951	19,330,227
7 From Canadian transmission lines	7,160,483	6,580,653	6,605,042	5,744,012	5,793,550
8 <u>Total gross receipts (6+7)</u>	29,162,671	25,693,563	26,743,559	25,441,963	25,123,777
<u>Natural gas delivered out of system</u>					
9 To distribution systems	15,081,922	13,538,810	12,801,235	10,380,659	9,424,192
10 To foreign transmission lines	8,286,237	7,247,487	7,992,853	7,978,089	7,095,183
11 To storage	-	-	-	-	-
12 To industrial consumers and others	1,118,756	996,794	1,073,697	1,003,081	974,857
13 <u>Total net deliveries (9+10+11+12)</u>	24,486,915	21,783,091	21,867,785	19,361,829	17,494,232
14 To Canadian transmission lines	7,160,483	6,580,653	6,605,042	5,744,012	5,793,550
15 <u>Total gross deliveries (13+14)</u>	31,647,398	28,363,744	28,472,827	25,105,841	23,287,782
16 Pipeline fuel	273,552	192,021	246,360	166,040	134,021
17 Pipeline losses and metering difference	126,335	182,214	205,457	150,986	172,978
18 Line pack fluctuations	- 2,884,614 ⁽¹⁾	- 3,044,416 ⁽²⁾	- 2,181,085 ⁽³⁾	19,096 ⁽⁴⁾	1,528,996 ⁽⁵⁾
19 <u>Total disposition of receipts (15+16+17+18)</u>	29,162,671	25,693,563	26,743,559	25,441,963	25,123,777

* Thousand cubic feet at 14.73 p.s.i.a. (pounds per square inch absolute) and 60°F.

(1) Includes receipts from storage within the system of 2,662,818 MCF.

(2) Includes receipts from storage within the system of 3,018,389 MCF.

(3) Includes receipts from storage within the system of 2,174,300 MCF.

(4) Includes net deliveries to storage within the system of 31,945 MCF.

(5) Includes net deliveries to storage within the system of 1,432,570 MCF.

NATURAL GAS TRANSMISSION BY MONTH

7

January - December, 1959

MCF*

June	July	August	September	October	November	December	Year to date	
6,132,420	5,925,351	6,711,778	6,655,635	7,832,073	8,277,956	9,216,501	89,878,297	1
8,875,540	9,052,188	9,630,995	8,222,139	11,711,019	14,639,571	16,175,458	136,219,602	2
-	-	-	-	-	-	-	-	3
1,557,443	1,746,130	1,772,791	1,693,188	1,622,102	-	-	11,634,172	4
-	-	-	-	-	-	-	-	5
16,565,403	16,723,669	18,115,564	16,570,962	21,165,194	22,917,527	25,391,959	237,732,071	6
4,888,028	5,076,625	5,466,899	4,838,178	7,661,262	11,312,565	12,400,844	83,528,141	7
21,453,431	21,800,294	23,582,463	21,409,140	28,826,456	34,230,092	37,792,803	321,260,212	8
7,715,183	7,204,886	8,454,399	8,403,930	12,008,544	15,329,856	16,650,906	136,994,522	9
5,776,829	5,841,322	5,809,884	5,618,910	6,755,192	6,632,250	8,141,364	83,175,600	10
-	-	-	-	-	-	-	-	11
957,207	989,295	1,013,084	993,423	1,112,089	1,188,402	1,184,392	12,605,077	12
14,449,219	14,035,503	15,277,367	15,016,263	19,875,825	23,150,508	25,976,662	232,775,199	13
4,888,028	5,076,625	5,466,899	4,838,178	7,661,262	11,312,565	12,400,844	83,528,141	14
19,337,247	19,112,128	20,744,266	19,854,441	27,537,087	34,463,073	38,377,506	316,303,340	15
116,695	116,162	145,428	126,652	195,475	295,097	335,450	2,342,953	16
105,735	193,128	70,546	71,666	117,017	85,341	85,831	1,567,234	17
1,893,754 ⁽⁶⁾	2,378,876 ⁽⁷⁾	2,622,223 ⁽⁸⁾	1,356,381 ⁽⁹⁾	976,877 ⁽¹⁰⁾	-613,419 ⁽¹¹⁾	-1,005,984 ⁽¹²⁾	1,046,685 ⁽¹³⁾	18
21,453,431	21,800,294	23,582,463	21,409,140	28,826,456	34,230,092	37,792,803	321,260,212	19

(6) Includes deliveries to storage within the system of 2,250,556 MCF.

(7) Includes deliveries to storage within the system of 2,401,729 MCF.

(8) Includes deliveries to storage within the system of 2,534,683 MCF.

(9) Includes deliveries to storage within the system of 1,199,135 MCF.

(10) Includes net deliveries to storage within the system of 559,157 MCF.

(11) Includes net receipts from storage within the system of 737,241 MCF.

(12) Includes receipts from storage within the system of 1,191,495 MCF.

(13) Includes net deliveries to storage within the system of 625,532 MCF.

MONTHLY NATURAL GAS RECEIPTS AND DELIVERIES BY CANADIAN PIPE LINE SYSTEMS

1959





DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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GAS PIPE LINE TRANSPORT

January, 1960

The first report in the monthly Gas Pipe Line Transport series encompassed January to June, 1959 inclusive. Monthly reports have been issued subsequently. The first annual Gas Pipe Line Transport report will be compiled for the year 1959 and will provide financial and property statistics as well as a summary of monthly operations. Previous years' data are not available for comparison.

Net deliveries of natural gas through Canadian pipe lines totalled 29,000,076 MCF in January, up 18.4 per cent from the total of 24,486,915 MCF delivered in January, 1959 and 11.6 per cent from the total of 25,976,662 in December.

Deliveries to distribution systems increased 27.4 per cent to 19,216,842 MCF from 15,081,922 in January last year and 15.4 per cent from the December total of 16,650,906. Deliveries to industrial consumers and others, at 1,310,210 MCF, was 17.1 per cent greater than the 1,118,756 last year and 10.6 per cent greater than the 1,184,392 last month. Gas exported to U.S.A. totalled 8,473,024 MCF compared with 8,286,237 in January last year and 8,141,364 in December. Canadian inter-company transfers of 13,198,742 MCF brought total gross deliveries to 42,198,818. Daily average sendout for January was 1,361,252 MCF, up from 1,020,884 in January, 1959 and 1,237,984 in December.

The statistics included in this report refer to the operations of companies primarily engaged in transmission of natural gas and hence do not comprise the transmission operations of companies predominantly involved in the distribution of natural gas.

Sales of gas by distributing utilities are issued monthly in the report "Sales of Manufactured and Natural Gas". An annual report of gas utilities engaged primarily in the distribution of gas will be issued in 1960 encompassing their total operations.

A "transmission" pipe line is defined as a pipe line constructed to carry natural gas at any stage between gas processing plants (residue gas) or field gate meter points (dry gas) and local distribution systems. Transmission pipe lines may receive gas directly from processing plants or field gate meter points or may receive gas from another transmission line or storage area. Also, transmission lines may deliver to other transmission lines or storage areas rather than directly to distribution systems.

Prepared in the Public Utilities Section,
Public Finance and Transportation Division.

8506-503-10

NATURAL GAS TRANSMISSION BY COMPANY

January, 1960

MCF*

TABLE 1

	Total	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- eous Pipe- lines Ltd.	Grand Prairie Trans- mission Co. Ltd.
<u>Natural gas received into system</u>							
From own gathering systems	10,403,855	874,814	-	-	47,985	138,014	97,739
From other gathering systems	17,099,719	-	11,472,358	1,684,185	-	-	-
From foreign transmission lines	-	-	-	-	-	-	-
Total net receipts (1)	27,503,574	xxx	xxx	xxx	xxx	xxx	xxx
From Canadian transmission lines	13,198,742	-	-	-	-	-	-
From storage	2,067,570	-	-	-	-	-	-
Total gross receipts	42,769,886	874,814	11,472,358	1,684,185	47,985	138,014	97,739
<u>Natural gas delivered out of system</u>							
To distribution systems	19,216,842	11,484	77,533	-	49,025	-	97,739
To foreign transmission lines	8,473,024	-	-	1,663,951	-	-	-
To industrial consumers	1,310,045	863,330	-	-	-	133,394	-
To others	165	-	-	165	-	-	-
Total net deliveries (1)	29,000,076	xxx	xxx	xxx	xxx	xxx	xxx
To Canadian transmission lines	13,198,742	-	11,415,823	-	-	-	-
To storage	-	-	-	-	-	-	-
Total gross deliveries	42,198,818	874,814	11,493,356	1,664,116	49,025	133,394	97,739
Pipeline fuel	381,591	-	2,052	-	1,550	2,706	-
Pipeline losses and metering differences	172,271	-	- 23,920	19,973	- 2,590	1,914	-
Line pack fluctuations	17,206	-	870	96	-	-	-
Total disposition of receipts	42,769,886	874,814	11,472,358	1,684,185	47,985	138,014	97,739

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1000 B.T.U.

(1) Not applicable to individual companies.

NATURAL GAS TRANSMISSION BY COMPANY

January, 1960

MCF*

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
-	294,386	-	1,216,834	-	-	116,943	324,240	-	6,579,932
712,968	-	145,211	-	-	571,927	34,342	-	-	3,191,696
-	-	-	-	-	-	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	-	387,173	1,395,746	-	-	11,415,823	-
-	-	-	-	-	2,067,570	-	-	-	-
712,968	294,386	145,211	1,216,834	387,173	4,035,243	151,285	324,240	11,415,823	9,771,628
712,950	297,574	146,904	821,419	77,004	4,007,216	151,285	332,986	9,712,602	2,721,121
-	-	-	-	-	-	-	-	-	6,809,073
-	-	-	-	313,321	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	387,173	-	-	-	-	1,395,746	-
-	-	-	-	-	-	-	-	-	-
712,950	297,574	146,904	1,208,592	390,325	4,007,216	151,285	332,986	11,108,348	9,530,194
-	-	-	-	195	7,541	-	-	213,955	153,592
-	- 3,188	- 1,693	8,242	- 3,347	20,486	-	- 8,766	155,455	9,705
18	-	-	-	-	-	-	20	- 61,935	78,137
712,968	294,386	145,211	1,216,834	387,173	4,035,243	151,285	324,240	11,415,823	9,771,628

OPERATING STATISTICS BY COMPANY

January, 1960

TABLE 2

	Canada	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Greta- ceous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>MCF* Sendout - daily average</u>							
January, 1960	1,361,252	28,220	370,753	53,681	1,581	4,303	3,153
Year to date, 1960							
January, 1959	1,020,884	24,577	217,040	53,341	996	3,633	3,763
Year to date, 1959							
<u>MCF* Sendout on peak day of month</u>							
January, 1960	xxx	29,187	419,220	58,899	1,995	4,989	4,039
January, 1959	xxx	24,621	246,628	63,602	1,145	4,065	5,013
<u>Gross receipts - MCF*</u>							
January, 1960	42,769,886	874,814	11,472,358	1,684,185	47,985	138,014	97,739
Year to date, 1960							
January, 1959	31,825,489	761,882	6,787,624	1,681,082	30,295	115,203	116,635
Year to date, 1959							
<u>Gross deliveries - MCF*</u>							
January, 1960	42,198,818	874,814	11,493,356	1,664,116	49,025	133,394	97,739
Year to date, 1960							
January, 1959	31,647,398	761,882	6,728,222	1,653,573	30,860	112,619	116,635
Year to date, 1959							
<u>Operating revenues</u>							
1st quarter, 1960	\$						
2nd quarter, 1960	\$						
3rd quarter, 1960	\$						
4th quarter, 1960	\$						
Total to date	\$						
1st quarter, 1959	\$	19,489,918	68,854	793,383	687,394	21,593	17,079
2nd quarter, 1959	\$	15,787,756	64,169	646,978	541,331	17,560	15,126
3rd quarter, 1959	\$	13,954,281	64,521	598,925	314,783	12,284	15,075
4th quarter, 1959	\$	21,625,969	70,476	1,233,433	568,203	29,386	25,962
Total to date	\$	70,857,924	268,020	3,272,719	2,111,711	80,823	73,242

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1000 B.T.U.

OPERATING STATISTICS BY COMPANY

January, 1960

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
22,998	9,599	4,739	38,987	12,591	129,265	4,880	10,742	358,334	307,426
8,622	6,420	3,421	32,180	10,552	140,300r	6,353	10,913	226,396r	272,377
25,200 9,526	12,315 8,103	5,399 4,077	48,759 38,762	15,601 13,254	191,134 205,559r	5,992 7,375	10,814 12,271	381,299 265,088	324,397 302,580
712,968	294,386	145,211	1,216,834	387,173	4,035,243	151,285	324,240	11,415,823	9,771,628
267,270	198,012	105,205	995,819	325,510	4,387,236	196,958	333,913	7,008,096	8,514,749
712,950	297,574	146,904	1,208,592	390,325	4,007,216	151,285	332,986	11,108,348	9,530,194
267,270	199,013	106,075	997,597	327,094	4,349,294	196,958	338,320	7,018,293	8,443,693
349	13,906	12,282	57,571	372,649	3,647,890	93,400	64,793	7,376,707	6,167,479
180	15,657	9,295	48,108	265,946	2,209,187	54,351	53,539	6,351,180	5,440,720
296	12,688	11,026	44,827	262,337	1,600,890	45,751	53,355	5,985,343	4,885,855
756	21,802	10,482	60,734	410,542	3,195,623	75,441	66,239	9,875,698	5,900,385
1,581	64,053	43,085	211,240	1,311,474	10,653,590	268,943	237,926	29,588,928	22,394,439

r revised.

NATURAL GAS TRANSMISSION BY MONTH

MCF*

TABLE 3

	Year to date		January	February	March
	1960	1959			
<u>Natural gas received into system</u>					
From own gathering system		8,342,126	10,403,855		
From other gathering systems		13,267,618	17,099,719		
From foreign transmission lines		392,444	-		
Total net receipts		22,002,188	27,503,574		
From Canadian transmission lines		7,160,483	13,198,742		
From storage		2,662,818	2,067,570		
Total gross receipts		31,825,489	42,769,886		
<u>Natural gas delivered out of system</u>					
To distribution systems		15,081,922	19,216,842		
To foreign transmission lines		8,286,237	8,473,024		
To industrial consumers		1,118,561	1,310,045		
To others		195	165		
Total net deliveries		24,486,915	29,000,076		
To Canadian transmission lines		7,160,483	13,198,742		
To storage		-	-		
Total gross deliveries		31,647,398	42,198,818		
Pipeline fuel		273,552	381,591		
Pipeline losses and metering differences		126,335	172,271		
Line pack fluctuations		- 221,796	17,206		
Total disposition of receipts		31,825,489	42,769,886		

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1000 B.T.U.

NATURAL GAS TRANSMISSION BY MONTH

MCF*

April	May	June	July	August	September	October	November	December

NET DELIVERIES OF NATURAL GAS BY TRANSMISSION LINES 1959 — 1960





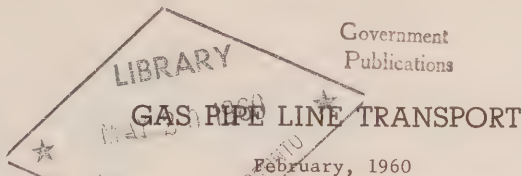
DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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The first report in the monthly Gas Pipe Line Transport series encompassed January to June, 1959 inclusive. Monthly reports have been issued subsequently. The first annual Gas Pipe Line Transport report will be compiled for the year 1959 and will provide financial and property statistics as well as a summary of monthly operations. Previous years' data are not available for comparison.

Net deliveries of natural gas pipe lines in Canada totalled 27,492,783 MCF in February, an average of 948,027 MCF per day. This average was 21.9 per cent above the February, 1959 average of 777,968 and 1.4 per cent above January average of 934,971 MCF.

Compared with February, 1959, deliveries to distribution systems increased 33.1 per cent to 18,023,490 MCF from 13,538,810 and deliveries to industrial consumers and others, 27.1 per cent, to 1,267,429 from 996,794. Natural gas exported to U.S.A. totalled 8,201,864 MCF, 13.2 per cent more than the 7,247,487 exported one year ago, but was 3.2 per cent less than the 8,473,024 exported in January.

During the month under review 12,105,863 MCF was delivered to other Canadian transmission lines, bringing total gross deliveries to 39,598,646.

For the two months ended February 29, 1960, net deliveries totalled 56,476,887 MCF, up 22.1 per cent from the corresponding period last year. Total net deliveries was comprised of 37,224,360 MCF delivered to distribution systems (28,620,732 MCF in 1959), 16,674,888 (15,533,724) to foreign transmission lines and 2,577,639 (2,115,550) to industrial consumers and others.

The statistics included in this report refer to the operations of companies primarily engaged in transmission of natural gas and hence do not comprise the transmission operations of companies predominantly involved in the distribution of natural gas.

Sales of gas by distributing utilities are issued monthly in the report, "Sales of Manufactured and Natural Gas". An annual report of gas utilities engaged primarily in the distribution of gas will be issued for the year 1959 encompassing their total operations.

A "transmission" pipe line is defined as a pipe line constructed to carry natural gas at any stage between gas processing plants (residue gas) or field gate meter points (dry gas) and local distribution systems. Transmission pipe lines may receive gas directly from processing plants or field gate meter points or may receive gas from another transmission line or storage area. Also, transmission lines may deliver to other transmission lines or storage areas rather than directly to distribution systems.

Prepared in the Public Utilities Section,
Public Finance and Transportation Division.

8506-503-20

TABLE 1

NATURAL GAS TRANSMISSION BY COMPANY

February, 1960

MCF*

	Total	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- eous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>Natural gas received into system</u>							
From own gathering systems	9,167,983	843,564	-	-	44,552	143,855	94,653
From other gathering systems	16,401,484	-	10,584,893	1,575,475	-	-	-
From foreign transmission lines	-	-	-	-	-	-	-
Total net receipts (1)	25,569,467	xxx	xxx	xxx	xxx	xxx	xxx
From Canadian transmission lines	12,105,863	-	-	-	-	-	-
From storage	2,190,235	-	-	-	-	-	-
Total gross receipts	39,865,565	843,564	10,584,893	1,575,475	44,552	143,855	94,653
<u>Natural gas delivered out of system</u>							
To distribution systems	18,023,490	10,178	78,600	-	43,882	-	94,653
To foreign transmission lines	8,201,864	-	-	1,576,726	-	-	-
To industrial consumers	1,267,283	833,386	13,528	-	-	138,961	-
To others	146	-	-	146	-	-	-
Total net deliveries (1)	27,492,783	xxx	xxx	xxx	xxx	xxx	xxx
To Canadian transmission lines	12,105,863	-	10,540,604	-	-	-	-
To storage	-	-	-	-	-	-	-
Total gross deliveries	39,598,646	843,564	10,632,732	1,576,872	43,882	138,961	94,653
Pipeline fuel	360,440	-	1,864	-	500	2,454	-
Pipeline losses and metering differences	58,573	-	-36,323	-1,285	170	2,440	-
Line pack fluctuations	-152,094	-	-13,380	-112	-	-	-
Total disposition of receipts	39,865,565	843,564	10,584,893	1,575,475	44,552	143,855	94,653

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

(1) Not applicable to individual companies.

NATURAL GAS TRANSMISSION BY COMPANY

February, 1960

MCF*

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
-	309,731	-	1,159,312	-	-	106,516	311,635	-	6,154,165
493,296	-	91,785	-	-	707,756	22,618	-	-	2,925,661
-	-	-	-	-	-	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	-	343,132	1,222,127	-	-	10,540,604	-
-	-	-	-	-	2,190,235	-	-	-	-
493,296	309,731	91,785	1,159,312	343,132	4,120,118	129,134	311,635	10,540,604	9,079,826
493,302	313,670	93,846	813,730	67,410	4,136,724	129,134	319,228	9,017,078	2,412,055
-	-	-	-	-	-	-	-	-	6,625,138
-	-	-	-	281,408	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	343,132	-	-	-	-	1,222,127	-
-	-	-	-	-	-	-	-	-	-
493,302	313,670	93,846	1,156,862	348,818	4,136,724	129,134	319,228	10,239,205	9,037,193
-	-	-	-	-	6,976	-	-	196,172	152,474
-	-	-2,061	2,450	-5,006	-23,582	-	-7,624	135,989	-6,595
-6	-3,939	-	-	-680	-	-	31	-30,762	-103,246
493,296	309,731	91,785	1,159,312	343,132	4,120,118	129,134	311,635	10,540,604	9,079,826

TABLE 2

OPERATING STATISTICS BY COMPANY

February, 1960

	Canada	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- eous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>MCF* Sendout - daily average</u>							
February, 1960 (1)	948,027	29,088	366,646	54,375	1,513	4,792	3,264
Year to date, 1960	941,281	28,640	368,768	54,017	1,548	4,539	3,207
February, 1959 (1)	777,968	24,279	225,641	52,954	931	3,627	2,871
Year to date, 1959	784,237	24,436	221,121	53,158	965	3,631	3,339
<u>MCF* Sendout on peak day of month</u>							
February, 1960	xxx	29,835	396,338	57,591	1,762	5,961	4,862
February, 1959	xxx	25,887	252,758	58,524	1,094	4,154	3,960
<u>Gross receipts - MCF*</u>							
February, 1960	39,865,565	843,564	10,584,893	1,575,475	44,552	143,855	94,653
Year to date, 1960	82,619,479	1,718,378	22,057,251	3,259,660	92,537	281,869	192,392
February, 1959	28,711,952	679,802	6,354,834	1,502,031	25,818	105,816	80,386
Year to date, 1959	60,537,441	1,441,684	13,142,458	3,183,113	56,113	221,019	197,021
<u>Gross deliveries - MCF*</u>							
February, 1960	39,598,646	843,564	10,632,732	1,576,872	43,882	138,961	94,653
Year to date, 1960	81,781,492	1,718,378	22,126,088	3,240,988	92,907	272,355	192,392
February, 1959	28,363,744	679,803	6,317,947	1,482,735	26,067	101,557	80,386
Year to date, 1959	60,011,142	1,441,685	13,046,169	3,136,308	56,927	214,176	197,021
<u>Operating revenues</u>							
1st quarter, 1960	\$						
2nd quarter, 1960	\$						
3rd quarter, 1960	\$						
4th quarter, 1960	\$						
Total to date	\$						
1st quarter, 1959	\$	19,489,918	68,854	793,383	687,394	21,593	17,079
2nd quarter, 1959	\$	15,787,756	64,169	646,978	541,331	17,560	15,126
3rd quarter, 1959	\$	13,954,281	64,521	598,925	314,783	12,284	15,075
4th quarter, 1959	\$	21,625,969	70,476	1,233,433	568,203	29,386	25,962
Total to date	\$	70,857,924	268,020	3,272,719	2,111,711	80,823	73,242

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

(1) Average based on 29 days in 1960, 28 days in 1959.

OPERATING STATISTICS BY COMPANY

February, 1960

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Trans-mission Co. Ltd.
17,010 19,838 11,047 9,773	10,816 10,187 6,010 6,224	3,236 4,013 3,521 3,468	39,892 39,424 35,718 33,860	12,028 12,319 9,942 10,262	142,646 135,732 136,950 ^r 138,710	4,453 4,674 4,996 5,710	11,008 10,870 11,148 11,024	353,076 355,793 219,736 223,236	311,627 309,456 263,620 268,221
22,054 15,144	13,615 7,489	4,181 4,023	51,447 43,087	13,501 11,317	202,275 205,757 ^r	5,640 6,100	11,105 12,517	379,333 241,764	327,630 275,892
493,296 1,190,292 309,322 576,592	309,731 604,117 168,055 366,067	91,785 236,996 98,277 203,482	1,159,312 2,376,146 1,013,558 2,009,377	343,132 730,305 276,405 601,915	4,120,118 8,155,361 3,857,509 8,244,745	129,134 280,419 139,909 336,867	311,635 635,875 309,515 643,428	10,540,604 21,956,427 6,335,641 13,343,737	9,079,826 18,851,454 7,455,074 15,969,823
493,302 1,190,280 309,322 576,592	313,670 611,244 168,257 367,270	93,846 240,750 98,582 204,657	1,156,862 2,365,454 1,000,110 1,997,707	348,818 739,143 278,368 605,462	4,136,724 8,143,940 3,834,617 8,183,911	129,134 280,419 139,909 336,867	319,228 652,214 312,124 650,444	10,239,205 21,347,553 6,152,609 13,170,902	9,037,193 18,567,387 7,381,351 15,825,044
349 180 296 756 1,581	13,906 15,657 12,688 21,802 64,053	12,282 9,295 11,026 10,482 43,085	57,571 48,108 44,827 60,734 211,240	372,649 265,946 262,337 410,542 1,311,474	3,647,890 2,209,187 1,600,890 3,195,623 10,653,590	93,400 54,351 45,751 75,441 268,943	64,793 53,539 53,355 66,239 237,926	7,376,707 6,351,180 5,985,343 9,875,698 29,588,928	6,167,479 5,440,720 4,885,855 5,900,385 22,394,439

r - Revised

TABLE 3

NATURAL GAS TRANSMISSION BY MONTH

January - February, 1960

MCF*

	Year to date		January ^{1/}	February	March
	1960	1959			
<u>Natural gas received into system</u>					
From own gathering system	19,571,838	15,728,046	10,403,855	9,167,983	
From other gathering systems	33,485,231	24,963,215	17,083,747	16,401,484	
From foreign transmission lines	-	423,837	-	-	
Total net receipts	53,057,069	41,115,098	27,487,602	25,569,467	
From Canadian transmission lines	25,304,605	13,741,136	13,198,742	12,105,863	
From storage	4,257,805	5,681,207	2,067,570	2,190,235	
Total gross receipts	82,619,479	60,537,441	42,753,914	39,865,565	
<u>Natural gas delivered out of system</u>					
To distribution systems	37,224,360	28,620,732	19,200,870	18,023,490	
To foreign transmission lines	16,674,888	15,533,724	8,473,024	8,201,864	
To industrial consumers	2,577,328	2,115,122	1,310,045	1,267,283	
To others	311	428	165	146	
Total net deliveries	56,476,887	46,270,006	28,984,104	27,492,783	
To Canadian transmission lines	25,304,605	13,741,136	13,198,742	12,105,863	
To storage	-	-	-	-	
Total gross deliveries	81,781,492	60,011,142	42,182,846	39,598,646	
Pipeline fuel	742,031	465,573	381,591	360,440	
Pipeline losses and metering differences	230,844	308,549	172,271	58,573	
Line pack fluctuations	-134,888	-247,823	17,206	-152,094	
Total disposition of receipts	82,619,479	60,537,441	42,753,914	39,865,565	

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

^{1/} Contains revisions.

NATURAL GAS TRANSMISSION BY MONTH

January - February, 1960

MCF*

April	May	June	July	August	September	October	November	December

NET DELIVERIES OF NATURAL GAS BY TRANSMISSION LINES 1959 — 1960





GAS PIPE LINE TRANSPORT

March, 1960

The first report in the monthly Gas Pipe Line Transport series encompassed January to June, 1959 inclusive. Monthly reports have been issued subsequently. The first annual Gas Pipe Line Transport report will be compiled for the year 1959 and will provide financial and property statistics as well as a summary of monthly operations. Previous years' data are not available for comparison.

Net deliveries of natural gas through Canadian pipe lines totalled 29,357,910 MCF in March, 1960, an increase of 34.3 per cent above the March, 1959 total of 21,867,785 and 6.8 per cent more than the 27,492,783 MCF reported in the previous month. Daily average sendout for the period under review was 947,029 MCF compared with 705,412 MCF one year earlier.

Deliveries to distribution systems increased 52.0 per cent to 19,461,098 MCF from 12,801,235 in March, 1959 and was 8.0 per cent more than the preceding month's total of 18,023,490. Deliveries to industrial consumers and others rose to 1,351,897 MCF from 1,073,697, an increase of 25.9 per cent. Exports via pipe line totalled 8,544,915 MCF, 6.9 per cent above the March, 1959 total of 7,992,853 and 4.2 per cent more than the February total of 8,201,864 MCF. Canadian inter-company transfers of 12,652,152 MCF brought total gross deliveries to 42,010,062 MCF.

For the three months ended March 31, total net deliveries amounted to 85,834,797 MCF, 26.0 per cent higher than the 68,137,791 recorded in the same period in 1959.

Operating revenues for the first quarter of the year totalled \$26,577,147, an increase of 36.4 per cent above the 1959 total of \$19,489,918.

The statistics included in this report refer to the operations of companies primarily engaged in transmission of natural gas and hence do not comprise the transmission operations of companies predominantly involved in the distribution of natural gas.

Sales of gas by distributing utilities are issued monthly in the report "Sales of Manufactured and Natural Gas". An annual report of gas utilities engaged primarily in the distribution of gas will be issued in 1960 encompassing their total operations.

A "transmission" pipe line is defined as a pipe line constructed to carry natural gas at any stage between gas processing plants (residue gas) or field gate meter points (dry gas) and local distribution systems. Transmission pipe lines may receive gas directly from processing plants or field gate meter points or may receive gas from another transmission line or storage area. Also, transmission lines may deliver to other transmission lines or storage areas rather than directly to distribution systems.

Prepared in the Public Utilities Section,
Public Finance and Transportation Division.

TABLE 1

NATURAL GAS TRANSMISSION BY COMPANY

March, 1960

MCF*

	Total	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- eous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>Natural gas received into system</u>							
From own gathering systems	10,061,324	880,972	-	-	46,283	170,321	84,793
From other gathering systems	17,565,867	-	11,278,165	1,624,872	-	-	-
From foreign transmission lines	-	-	-	-	-	-	-
Total net receipts (1)	27,627,191	xxx	xxx	xxx	xxx	xxx	xxx
From Canadian transmission lines	12,652,152	-	-	-	-	-	-
From storage	2,350,610	-	-	-	-	-	-
Total gross receipts	42,629,953	880,972	11,278,165	1,624,872	46,283	170,321	84,793
<u>Natural gas delivered out of system</u>							
To distribution systems	19,461,098	9,311	84,063	-	46,202	-	84,793
To foreign transmission lines	8,544,915	-	-	1,620,235	-	-	-
To industrial consumers	1,351,691	871,661	11,275	-	-	167,396	-
To others	206	-	-	206	-	-	-
Total net deliveries (1)	29,357,910	xxx	xxx	xxx	xxx	xxx	xxx
To Canadian transmission lines	12,652,152	-	11,202,422	-	-	-	-
To storage	-	-	-	-	-	-	-
Total gross deliveries	42,010,062	880,972	11,297,760	1,620,441	46,202	167,396	84,793
Pipeline fuel	374,314	-	1,758	-	500	2,706	-
Pipeline losses and metering differences	126,036	-	- 28,670	4,717	- 419	219	-
Line pack fluctuations	119,541	-	7,317	- 286	-	-	-
Total disposition of receipts	42,629,953	880,972	11,278,165	1,624,872	46,283	170,321	84,793

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

(1) Not applicable to individual companies.

NATURAL GAS TRANSMISSION BY COMPANY

March, 1960

MCF*

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
-	350,447	-	1,408,756	-	-	85,887	333,553	-	6,700,312
644,783	-	92,357	-	-	902,024	51,325	-	-	2,972,341
-	-	-	-	-	-	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	-	360,227	1,089,503	-	-	11,202,422	-
-	-	-	-	-	2,350,610	-	-	-	-
644,783	350,447	92,357	1,408,756	360,227	4,342,137	137,212	333,553	11,202,422	9,672,653
644,789	357,293	92,420	1,028,159	64,656	4,363,854	133,748	338,865	9,695,580	2,517,365
-	-	-	-	-	-	-	-	-	6,924,680
-	-	-	-	301,359	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	360,227	-	-	-	-	1,089,503	-
-	-	-	-	-	-	-	-	-	-
644,789	357,293	92,420	1,388,386	366,015	4,363,854	133,748	338,865	10,785,083	9,442,045
-	-	-	-	-	7,721	-	-	204,975	156,654
-	-	-	-	- 5,788	- 29,438	3,464	- 5,320	153,759	33,512
- 6	- 6,846	- 63	20,370	-	-	-	8	58,605	40,442
644,783	350,447	92,357	1,408,756	360,227	4,342,137	137,212	333,553	11,202,422	9,672,653

TABLE 2

OPERATING STATISTICS BY COMPANY

	Canada	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- eous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>MCF* Sendout - daily average</u>							
March, 1960	947,029	28,418	364,444	52,272	1,490	5,400	2,735
Year to date, 1960	953,720	28,564	367,295	53,422	1,529	4,832	3,046
March, 1959	705,412	24,336	205,028	50,875	912	3,453	1,913
Year to date, 1959	748,767	24,401	215,578	52,372	947	3,569	2,848
<u>MCF* Sendout on peak day of month</u>							
March, 1960	xxx	29,630	395,416	59,638	1,927	5,990	4,026
March, 1959	xxx	24,621	265,539	55,670	1,155	4,043	2,817
<u>Gross receipts - MCF*</u>							
March, 1960	42,629,953	880,972	11,278,165	1,624,872	46,283	170,321	84,793
Year to date, 1960	125,249,432	2,599,350	33,335,416	4,884,532	138,820	452,190	277,185
March, 1959	28,917,859	754,413	6,394,231	1,580,311	27,538	112,698	59,303
Year to date, 1959	89,455,300	2,196,097	19,536,689	4,763,424	83,651	333,717	256,324
<u>Gross deliveries - MCF*</u>							
March, 1960	42,010,062	880,972	11,297,760	1,620,441	46,202	167,396	84,793
Year to date, 1960	123,791,554	2,599,350	33,423,848	4,861,429	139,109	439,751	277,185
March, 1959	28,472,827	754,413	6,355,868	1,577,144	28,268	107,047	59,303
Year to date, 1959	88,483,969	2,196,098	19,402,037	4,713,452	85,195	321,223	256,324
<u>Operating revenues</u>							
1st quarter, 1960	\$ 26,577,147	79,233	1,352,975	758,129	50,079	23,081	94,569
2nd quarter, 1960	\$						
3rd quarter, 1960	\$						
4th quarter, 1960	\$						
Total to date	\$						
1st quarter, 1959	\$ 19,489,918	68,854	793,383	687,394	21,593	17,079	94,589
2nd quarter, 1959	\$ 15,787,756	64,169	646,978	541,331	17,560	15,126	54,429
3rd quarter, 1959	\$ 13,954,281	64,521	598,925	314,783	12,284	15,075	46,325
4th quarter, 1959	\$ 21,625,969	70,476	1,233,433	568,203	29,386	25,962	80,807
Total to date	\$ 70,857,924	268,020	3,272,719	2,111,711	80,823	73,242	276,150

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

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OPERATING STATISTICS BY COMPANY

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
20,800 20,166 3,786 7,710	11,526 10,643 6,344 6,266	2,981 3,661 2,758 3,224	44,787 41,251 35,805 34,530	11,807 12,145 8,394 9,618	140,769 137,448 103,272r 126,504	4,314 4,551 3,820 5,059	10,931 10,891 11,431 11,164	347,906 353,106 197,472 214,362	304,582 307,796 258,879 265,003
25,734 5,203	13,407 7,787	3,162 3,522	48,953 41,371	13,422 9,365	220,394 153,526r	6,086 4,885	11,670 12,729	389,266 241,973	327,091 275,261
644,783 1,835,075 117,380 693,972	350,447 954,564 191,408 557,475	92,357 329,353 84,754 288,236	1,408,756 3,784,902 1,115,460 3,124,837	360,227 1,090,532 259,677 861,592	4,342,137 12,497,498 3,228,354 11,473,099	137,212 417,631 118,413 455,280	333,553 969,428 353,433 996,861	11,202,422 33,158,849 6,345,365 19,689,102	9,672,653 28,524,107 8,175,121 24,144,944
644,789 1,835,069 117,380 693,972	357,293 968,537 196,658 563,928	92,420 333,170 85,500 290,157	1,388,386 3,753,840 1,109,964 3,107,671	366,015 1,105,158 260,208 865,670	4,363,854 12,507,794 3,201,424 11,385,335	133,748 414,167 118,413 455,280	338,865 991,079 354,363 1,004,807	10,785,083 32,132,636 6,121,644 19,292,546	9,442,045 28,009,432 8,025,230 23,850,274
918	19,875	11,042	55,654	434,132	4,538,655	83,468	70,185	12,137,695	6,867,457
349	13,906	12,282	57,571	372,649	3,647,890	93,400	64,793	7,376,707	6,167,479
180	15,657	9,295	48,108	265,946	2,209,187	54,351	53,539	6,351,180	5,440,720
296	12,688	11,026	44,827	262,337	1,600,890	45,751	53,355	5,985,343	4,885,855
756	21,802	10,482	60,734	410,542	3,195,623	75,441	66,239	9,875,698	5,900,385
1,581	64,053	43,085	211,240	1,311,474	10,653,590	268,943	237,926	29,588,928	22,394,439

TABLE 3

NATURAL GAS TRANSMISSION BY MONTH

January to March, 1960

MCF*

	Year to date		January	February	March
	1960	1959			
<u>Natural gas received into system</u>					
From own gathering system	29,633,162	23,912,119	10,403,855	9,167,983	10,061,324
From other gathering systems	51,051,098	36,704,243	17,083,747	16,401,484	17,565,867
From foreign transmission lines	-	637,253	-	-	-
Total net receipts	80,684,260	61,253,615	27,487,602	25,569,467	27,627,191
From Canadian transmission lines	37,956,757	20,346,178	13,198,742	12,105,863	12,652,152
From storage	6,608,415	7,855,507	2,067,570	2,190,235	2,350,610
Total gross receipts	125,249,432	89,455,300	42,753,914	39,865,565	42,629,953
<u>Natural gas delivered out of system</u>					
To distribution systems	56,685,458	41,421,967	19,200,870	18,023,490	19,461,098
To foreign transmission lines	25,219,803	23,526,577	8,473,024	8,201,864	8,544,915
To industrial consumers	3,929,019	3,188,661	1,310,045	1,267,283	1,351,691
To others	517	586	165	146	206
Total net deliveries	85,834,797	68,137,791	28,984,104	27,492,783	29,357,910
To Canadian transmission lines	37,956,757	20,346,178	13,198,742	12,105,863	12,652,152
To storage	-	-	-	-	-
Total gross deliveries	123,791,554	88,483,969	42,182,846	39,598,646	42,010,062
<u>Pipeline fuel and losses</u>					
Pipeline fuel	1,116,345	711,933	381,591	360,440	374,314
Pipeline losses and metering differences	356,880	514,006	172,271	58,573	126,036
Line pack fluctuations	- 15,347	- 254,608	17,206	- 152,094	119,541
Total disposition of receipts	125,249,432	89,455,300	42,753,914	39,865,565	42,629,953

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

NET DELIVERIES OF NATURAL GAS BY TRANSMISSION LINES 1959 — 1960





GAS PIPE LINE TRANSPORT

April, 1960

The first report in the monthly Gas Pipe Line Transport series encompassed January to June, 1959 inclusive. Monthly reports have been issued subsequently. The first annual Gas Pipe Line Transport report will be compiled for the year 1959 and will provide financial and property statistics as well as a summary of monthly operations. Previous years' data are not available for comparison.

Net deliveries of natural gas through Canadian pipe lines totalled 23,819,807 MCF in April, 1960, up 23.0 per cent above the April, 1959 total of 19,361,829. Mainly because of the seasonal decline in the deliveries to distribution systems, net deliveries decreased 18.9 per cent from the March total of 29,357,910 MCF. The daily average sendout was 793,994 MCF compared with 645,394 one year earlier and 947,029 in March.

For the four months ended April 30, net deliveries reached 109,654,604 MCF, 25.3 per cent greater than last year's total of 87,499,620. Correspondingly the daily average delivery increased to 906,236 MCF compared with 729,164.

In the January to April period deliveries to distribution systems increased 36.3 per cent to 70,618,591 MCF from 51,802,626, deliveries to industrial consumers and others, 21.6 per cent to 5,098,485 from 4,192,328 and exports to the United States 7.7 per cent to 33,937,528 from 31,504,666. During this period 49,324,104 MCF was delivered to Canadian transmission lines and 1,325,749 to storage, bringing total gross deliveries to 160,304,457 MCF.

The statistics included in this report refer to the operations of companies primarily engaged in transmission of natural gas and hence do not comprise the transmission operations of companies predominantly involved in the distribution of natural gas.

Sales of gas by distributing utilities are issued monthly in the report, "Sales of Manufactured and Natural Gas". An annual report of gas utilities engaged primarily in the distribution of gas will be issued in 1960 encompassing their total operations.

A "transmission" pipe line is defined as a pipe line constructed to carry natural gas at any stage between gas processing plants (residue gas) or field gate meter points (dry gas) and local distribution systems. Transmission pipe lines may receive gas directly from processing plants or field gate meter points or may receive gas from another transmission line or storage area. Also, transmission lines may deliver to other transmission lines or storage areas rather than directly to distribution systems.

Prepared in the Public Utilities Section,
Public Finance and Transportation Division.

TABLE 1

NATURAL GAS TRANSMISSION BY COMPANY

April, 1960

MCF*

	Total	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- eous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>Natural gas received into system</u>							
From own gathering systems	9,447,808	757,001	-	-	31,392	166,515	42,299
From other gathering systems	15,143,517	-	9,569,544	1,463,741	-	-	-
From foreign transmission lines	735,185	-	-	-	-	-	-
Total net receipts (1)	25,326,510	xxx	xxx	xxx	xxx	xxx	xxx
From Canadian transmission lines	11,367,347	-	-	-	-	-	-
From storage	133,505	-	-	-	-	-	-
Total gross receipts	36,827,362	757,001	9,569,544	1,463,741	31,392	166,515	42,299
<u>Natural gas delivered out of system</u>							
To distribution systems	13,933,133	5,355	29,692	-	31,293	-	42,299
To foreign transmission lines	8,717,725	-	-	1,455,159	-	-	-
To industrial consumers	1,168,833	751,646	165	-	-	163,988	-
To others	116	-	-	116	-	-	-
Total net deliveries (1)	23,819,807	xxx	xxx	xxx	xxx	xxx	xxx
To Canadian transmission lines	11,367,347	-	9,537,498	-	-	-	-
To storage	1,325,749	-	-	-	-	-	-
Total gross deliveries	36,512,903	757,001	9,567,355	1,455,275	31,293	163,988	42,299
Pipeline fuel	316,507	-	1,142	-	386	2,153	-
Pipeline losses and metering differences	144,625	-	-40,437	9,381	-287	374	-
Line pack fluctuations	-146,673	-	41,484	-915	-	-	-
Total disposition of receipts	36,827,362	757,001	9,569,544	1,463,741	31,392	166,515	42,299

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

(1) Not applicable to individual companies.

NATURAL GAS TRANSMISSION BY COMPANY

April, 1960

MCF*

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipe-lines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
-	385,573	-	1,313,231	-	-	30,260	261,993	-	6,459,544
237,607	-	61,463	-	-	871,456	56,111	-	-	2,883,595
-	-	-	-	-	735,185	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	-	292,000	1,537,849	-	-	9,537,498	-
-	-	-	-	-	133,505	-	-	-	-
237,607	385,573	61,463	1,313,231	292,000	3,277,995	86,371	261,993	9,537,498	9,343,139
237,587	389,961	61,154	993,253	40,195	1,931,873	77,899	269,198	7,931,792	1,891,582
-	-	-	-	-	-	-	-	-	7,262,566
-	-	-	-	253,034	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	292,000	-	-	-	-	1,537,849	-
-	-	-	-	-	1,325,749	-	-	-	-
237,587	389,961	61,154	1,285,253	293,229	3,257,622	77,899	269,198	9,469,641	9,154,148
-	-	-	-	-	14,160	-	-	148,554	150,112
-	-4,388	309	27,978	-1,229	6,213	8,472	-7,237	155,682	-10,206
20	-	-	-	-	-	-	32	-236,379	49,085
237,607	385,573	61,463	1,313,231	292,000	3,277,995	86,371	261,993	9,537,498	9,343,139

April, 1960

TABLE 2

OPERATING STATISTICS BY COMPANY

	Canada	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- eous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>MCF* Sendout - daily average</u>							
April, 1960	793,994	25,233	318,912	48,509	1,043	5,466	1,410
Year to date, 1960	906,236	27,738	355,299	52,204	1,408	4,990	2,640
April, 1959	645,394	23,884	184,612	49,470	885	3,330	1,462
Year to date, 1959	729,164	24,272	207,836	51,646	931	3,509	2,501
<u>MCF* Sendout on peak day of month</u>							
April, 1960	xxx	27,599	362,410	54,507	1,392	5,931	2,599
April, 1959	xxx	25,416	224,145	52,847	1,006	3,888	2,260
<u>Gross receipts - MCF*</u>							
April, 1960	36,827,362	757,001	9,569,544	1,463,741	31,392	166,515	42,299
Year to date, 1960	162,076,794	3,356,351	42,904,960	6,348,273	170,212	618,705	319,484
April, 1959	25,644,234	716,548	5,597,735	1,499,571	25,706	106,657	43,849
Year to date, 1959	115,099,534	2,912,645	25,134,424	6,262,995	109,357	440,374	300,173
<u>Gross deliveries - MCF*</u>							
April, 1960	36,512,903	757,001	9,567,355	1,455,275	31,293	163,988	42,299
Year to date, 1960	160,304,457	3,356,351	42,991,203	6,316,704	170,402	603,739	319,484
April, 1959	25,340,057	716,548	5,538,352	1,484,098	26,565	99,889	43,849
Year to date, 1959	113,824,026	2,912,646	24,940,389	6,197,550	111,760	421,112	300,173
<u>Operating revenues</u>							
1st quarter, 1960	\$ 26,577,147	79,233	1,352,975	758,129	50,079	23,081	94,569
2nd quarter, 1960	\$						
3rd quarter, 1960	\$						
4th quarter, 1960	\$						
Total to date	\$						
1st quarter, 1959	\$ 19,489,918	68,854	793,383	687,394	21,593	17,079	94,589
2nd quarter, 1959	\$ 15,787,756	64,169	646,978	541,331	17,560	15,126	54,429
3rd quarter, 1959	\$ 13,954,281	64,521	598,925	314,783	12,284	15,075	46,325
4th quarter, 1959	\$ 21,625,969	70,476	1,233,433	568,203	29,386	25,962	80,807
Total to date	\$ 70,857,924	268,020	3,272,719	2,111,711	80,823	73,242	276,150

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

April, 1960

Government
Publications

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OPERATING STATISTICS BY COMPANY

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipe-lines Ltd.	Peace River Trans-mission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Trans-mission Co. Ltd.
7,920 17,129 3,092 6,557	12,999 11,227 7,491 6,572	2,038 3,259 2,008 2,920	42,842 41,645 32,164 33,938	9,774 11,557 7,272 9,032	(1) 64,396 119,336 (1) 62,775 110,571	2,597 4,067 3,116 4,573	8,973 10,416 10,788 11,070	315,655 343,820 183,787 206,718	305,139 307,137 260,724 263,934
15,120 4,269	14,082 10,208	2,991 2,966	46,051 41,510	10,920 8,595	125,221 89,502r	3,591 4,306	10,607 12,942	352,518 210,407	338,943 276,905
237,607 2,072,682 92,777 786,749	385,573 1,340,137 218,132 775,607	61,463 390,816 60,270 348,506	1,313,231 5,098,133 962,941 4,087,778	292,000 1,382,532 218,299 1,079,891	3,277,995 15,775,493 2,185,357 13,658,456	86,371 504,002 93,476 548,756	261,993 1,231,421 322,925 1,319,786	9,537,498 42,696,347 5,525,714 25,214,816	9,343,139 37,867,246 7,974,277 32,119,221
237,587 2,072,656 92,777 786,749	389,961 1,358,498 224,724 788,652	61,154 394,324 60,238 350,395	1,285,253 5,039,093 964,920 4,072,591	293,229 1,398,387 218,167 1,083,837	3,257,622 15,765,416 2,117,461 13,502,796	77,899 492,066 93,476 548,756	269,198 1,260,277 323,655 1,328,462	9,469,641 41,602,277 5,513,614 24,806,160	9,154,148 37,163,580 7,821,724 31,671,998
918	19,875	11,042	55,654	434,132	4,538,655	83,468	70,185	12,137,695	6,867,457
349	13,906	12,282	57,571	372,649	3,647,890	93,400	64,793	7,376,707	6,167,479
180	15,657	9,295	48,108	265,946	2,209,187	54,351	53,539	6,351,180	5,440,720
296	12,688	11,026	44,827	262,337	1,600,890	45,751	53,355	5,985,343	4,885,855
756	21,802	10,482	60,734	410,542	3,195,623	75,441	66,239	9,875,698	5,900,385
1,581	64,053	43,085	211,240	1,311,474	10,653,590	268,943	237,926	29,588,928	22,394,439

r Revised
1) Calculation excludes deliveries to storage.

TABLE 3

NATURAL GAS TRANSMISSION BY MONTH

January to April, 1960

MCF*

	Year to date		January	February	March
	1960	1959			
<u>Natural gas received into system</u>					
From own gathering system	39,080,970	31,621,583	10,403,855	9,167,983	10,061,324
From other gathering systems	66,194,615	47,296,648	17,083,747	16,401,484	17,565,867
From foreign transmission lines	735,185	2,033,335	-	-	-
Total net receipts	106,010,770	80,951,566	27,487,602	25,569,467	27,627,191
From Canadian transmission lines	49,324,104	26,090,190	13,198,742	12,105,863	12,652,152
From storage	6,741,920	8,057,778	2,067,570	2,190,235	2,350,610
Total gross receipts	162,076,794	115,099,534	42,753,914	39,865,565	42,629,953
<u>Natural gas delivered out of system</u>					
To distribution systems	70,618,591	51,802,626	19,200,870	18,023,490	19,461,098
To foreign transmission lines	33,937,528	31,504,666	8,473,024	8,201,864	8,544,915
To industrial consumers	5,097,852	4,191,589	1,310,045	1,267,283	1,351,691
To others	633	739	165	146	206
Total net deliveries	109,654,604	87,499,620	28,984,104	27,492,783	29,357,910
To Canadian transmission lines	49,324,104	26,090,190	13,198,742	12,105,863	12,652,152
To storage	1,325,749	234,216	-	-	-
Total gross deliveries	160,304,457	113,824,026	42,182,846	39,598,646	42,010,062
Pipeline fuel	1,432,852	877,973	381,591	360,440	374,314
Pipeline losses and metering differences	501,505	644,992	172,271	58,573	126,036
Line pack fluctuations	-162,020	-267,457	17,206	-152,094	119,541
Total disposition of receipts	162,076,794	115,099,534	42,753,914	39,865,565	42,629,953

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

NATURAL GAS TRANSMISSION BY MONTH

January to April, 1960

MCF*

April	May	June	July	August	September	October	November	December
9,447,808								
15,143,517								
735,185								
25,326,510								
11,367,347								
133,505								
36,827,362								
13,933,133								
8,717,725								
1,168,833								
116								
23,819,807								
11,367,347								
1,325,749								
36,512,903								
316,507								
144,625								
-146,673								
36,827,362								

NET DELIVERIES OF NATURAL GAS BY TRANSMISSION LINES 1959 — 1960





GAS PIPE LINE TRANSPORT

May, 1960

The first report in the monthly Gas Pipe Line Transport series encompassed January to June, 1959 inclusive. Monthly reports have been issued subsequently. The first annual Gas Pipe Line Transport report will be compiled for the year 1959 and will provide financial and property statistics as well as a summary of monthly operations. Previous years' data are not available for comparison.

Net deliveries of natural gas through Canadian pipe lines totalled 22,046,380 MCF in May, 1960, up 26.0 per cent from the total of 17,494,232 in May last year. The daily average sendout was 711,174 MCF compared with 564,330 last year.

For the five months ended May 31, 1960 net deliveries increased 25.4 per cent to 131,700,984 MCF from 104,993,852. Daily average sendout was 866,454 MCF compared with 695,324. Deliveries to distribution systems increased 35.2 per cent to 82,787,110 MCF from 61,226,818, deliveries to industrial consumers and others, 22.4 per cent to 6,323,530 from 5,167,185 and exports to the United States, 10.3 per cent to 42,590,344 from 38,599,849. During this period 60,668,125 MCF was delivered to Canadian transmission lines and 4,109,284 to storage, bringing total gross deliveries to 196,478,393 MCF.

The statistics included in this report refer to the operations of companies primarily engaged in transmission of natural gas and hence do not comprise the transmission operations of companies predominantly involved in the distribution of natural gas.

Sales of gas by distributing utilities are issued monthly in the report, "Sales of Manufactured and Natural Gas". An annual report of gas utilities engaged primarily in the distribution of gas will be issued in 1960 encompassing their total operations.

A "transmission" pipe line is defined as a pipe line constructed to carry natural gas at any stage between gas processing plants (residue gas) or field gate meter points (dry gas) and local distribution systems. Transmission pipe lines may receive gas directly from processing plants or field gate meter points or may receive gas from another transmission line or storage area. Also, transmission lines may deliver to other transmission lines or storage areas rather than directly to distribution systems.

Prepared in the Public Utilities Section,
Public Finance and Transportation Division.

8506-503-50

TABLE 1

NATURAL GAS TRANSMISSION BY COMPANY

May, 1960

MCF*

	Total	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- eous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>Natural gas received into system</u>							
From own gathering systems	9,556,848	814,169	-	-	22,893	162,031	32,566
From other gathering systems	14,924,542	-	9,274,829	1,234,547	-	-	-
From foreign transmission lines	824,945	-	-	-	-	-	-
Total net receipts (1)	25,306,335	xxx	xxx	xxx	xxx	xxx	xxx
From Canadian transmission lines	11,344,021	-	-	-	-	-	-
From storage	-	-	-	-	-	-	-
Total gross receipts	36,650,356	814,169	9,274,829	1,234,547	22,893	162,031	32,566
<u>Natural gas delivered out of system</u>							
To distribution systems	12,168,519	4,079	18,401	-	23,853	-	32,566
To foreign transmission lines	8,652,816	-	-	1,238,227	-	-	-
To industrial consumers	1,224,968	810,090	617	-	-	155,069	-
To others	77	-	-	77	-	-	-
Total net deliveries (1)	22,046,380	xxx	xxx	xxx	xxx	xxx	xxx
To Canadian transmission lines	11,344,021	-	9,346,687	-	-	-	-
To storage	2,783,535	-	-	-	-	-	-
Total gross deliveries	36,173,936	814,169	9,365,705	1,238,304	23,853	155,069	32,566
Pipeline fuel	316,611	-	871	-	243	2,150	-
Pipeline losses and metering differences	142,017	-	-61,500	-3,343	-1,203	4,812	-
Line pack fluctuations	17,792	-	-30,247	-414	-	-	-
Total disposition of receipts	36,650,356	814,169	9,274,829	1,234,547	22,893	162,031	32,566

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

(1) Not applicable to individual companies.

NATURAL GAS TRANSMISSION BY COMPANY

May, 1960

MCF*

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
-	364,544	-	1,095,545	-	-	21,682	319,944	-	6,723,474
25,147	-	100,632	-	-	1,650,321	57,419	-	-	2,581,647
-	-	-	-	-	824,945	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	-	289,106	1,708,228	-	-	9,346,687	-
-	-	-	-	-	-	-	-	-	-
25,147	364,544	100,632	1,095,545	289,106	4,183,494	79,101	319,944	9,346,687	9,305,121
25,147	371,067	100,823	789,577	31,495	1,394,465	77,676	324,067	7,264,958	1,710,345
-	-	-	-	-	-	-	-	-	7,414,589
-	-	-	-	259,192	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	289,106	-	-	-	-	1,708,228	-
-	-	-	-	-	2,783,535	-	-	-	-
25,147	371,067	100,823	1,078,683	290,687	4,178,000	77,676	324,067	8,973,186	9,124,934
-	-	-	-	-	25,337	-	-	143,433	144,577
-	-6,523	-191	16,862	-1,581	-19,843	1,425	-4,197	120,091	97,208
-	-	-	-	-	-	-	74	109,977	-61,598
25,147	364,544	100,632	1,095,545	289,106	4,183,494	79,101	319,944	9,346,687	9,305,121

May, 1960

TABLE 2

OPERATING STATISTICS BY COMPANY

	Canada	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- eous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>MCF* Sendout - daily average</u>							
May, 1960	711,174	26,264	302,120	39,945	769	5,002	1,050
Year to date, 1960	866,454	27,438	344,453	49,704	1,278	4,992	2,316
May, 1959	564,330	22,865	180,603	40,664	789	2,788	1,043
Year to date, 1959	695,324	23,983	202,246	49,391	902	3,361	2,202
<u>MCF* Sendout on peak day of month</u>							
May, 1960	xxx	27,676	345,478	44,761	1,070	5,982	1,898
May, 1959	xxx	23,297	229,570	48,499	1,015	3,457	2,157
<u>Gross receipts - MCF*</u>							
May, 1960	36,650,356	814,169	9,274,829	1,234,547	22,893	162,031	32,566
Year to date, 1960	198,727,150	4,170,520	52,179,789	7,582,820	193,105	780,736	352,050
May, 1959	25,125,818	708,810	5,654,633	1,270,213	22,469	93,086	32,335
Year to date, 1959	140,225,352	3,621,455	30,789,057	7,533,208	131,826	533,460	332,508
<u>Gross deliveries - MCF*</u>							
May, 1960	36,173,936	814,169	9,365,705	1,238,304	23,853	155,069	32,566
Year to date, 1960	196,478,393	4,170,520	52,356,908	7,555,008	194,255	758,808	352,050
May, 1959	24,722,393	708,810	5,598,708	1,260,571	24,465	86,424	32,335
Year to date, 1959	138,546,419	3,621,456	30,539,097	7,458,121	136,225	507,536	332,508
<u>Operating revenues</u>							
1st quarter, 1960	\$ 26,577,147	79,233	1,352,975	758,129	50,079	23,081	94,569
2nd quarter, 1960	\$						
3rd quarter, 1960	\$						
4th quarter, 1960	\$						
Total to date	\$						
1st quarter, 1959	\$ 19,489,918	68,854	793,383	687,394	21,593	17,079	94,589
2nd quarter, 1959	\$ 15,787,756	64,169	646,978	541,331	17,560	15,126	54,429
3rd quarter, 1959	\$ 13,954,281	64,521	598,925	314,783	12,284	15,075	46,325
4th quarter, 1959	\$ 21,625,969	70,476	1,233,433	568,203	29,386	25,962	80,807
Total to date	\$ 70,857,924	268,020	3,272,719	2,111,711	80,823	73,242	276,150

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

OPERATING STATISTICS BY COMPANY

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wahamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
4,191 16,518	11,970 11,379	3,252 3,258	34,796 40,249	9,377 11,112	44,983 ¹ 104,172 ¹	2,506 3,748	10,454 10,423	289,458 332,733	294,353 304,530
4,505 6,135	7,024 6,665	2,120 2,756	34,458 34,044	6,654 8,544	35,621 ¹ 95,184 ¹	2,289 4,104	10,832 11,022	174,738 200,152	224,226 255,782
6,492 4,651	14,085 9,455	3,663 3,313	45,039 41,282	10,887 7,867	91,687 73,638 ^F	3,929 3,640	11,414 11,918	325,332 199,022	319,437 250,091
25,147 2,097,829	364,544 1,704,681	100,632 491,448	1,095,545 6,193,678	289,106 1,671,638	4,183,494 19,958,987	79,101 583,103	319,944 1,551,365	9,346,687 52,043,034	9,305,121 47,172,367
139,642 926,391	213,868 989,475	65,146 413,652	1,074,782 5,162,560	200,811 1,280,702	2,556,990 16,215,446	70,955 619,711	330,643 1,650,429	5,592,740 30,807,556	7,098,695 39,217,916
25,147 2,097,803	371,067 1,729,565	100,823 495,147	1,078,683 6,117,776	290,687 1,689,074	4,178,000 19,943,416	77,676 569,742	324,067 1,584,344	8,973,186 50,575,463	9,124,934 46,288,514
139,642 926,391	217,731 1,006,383	65,747 416,142	1,068,202 5,140,793	206,290 1,290,127	2,538,875 16,041,671	70,955 619,711	335,788 1,664,250	5,416,876 30,223,036	6,950,974 38,622,972
918	19,875	11,042	55,654	434,132	4,538,655	83,468	70,185	12,137,695	6,867,457
349	13,906	12,282	57,571	372,649	3,647,890	93,400	64,793	7,376,707	6,167,479
180	15,657	9,295	48,108	265,946	2,209,187	54,351	53,539	6,351,180	5,440,720
296	12,688	11,026	44,827	262,337	1,600,890	45,751	53,355	5,985,343	4,885,855
756	21,802	10,482	60,734	410,542	3,195,623	75,441	66,239	9,875,698	5,900,385
1,581	64,053	43,085	211,240	1,311,474	10,653,590	268,943	237,926	29,588,928	22,394,439

- Calculation excludes deliveries to storage.

- Revised.

TABLE 3

NATURAL GAS TRANSMISSION BY MONTH

January to May, 1960

MCF*

	Year to date		January	February	March
	1960	1959			
<u>Natural gas received into system</u>					
From own gathering system	48,637,818	39,126,583	10,403,855	9,167,983	10,061,324
From other gathering systems	81,119,157	57,912,692	17,083,747	16,401,484	17,565,867
From foreign transmission lines	1,560,130	3,242,518	-	-	-
Total net receipts	131,317,105	100,281,793	27,487,602	25,569,467	27,627,191
From Canadian transmission lines	60,668,125	31,883,740	13,198,742	12,105,863	12,652,152
From storage	6,741,920	8,059,819	2,067,570	2,190,235	2,350,610
Total gross receipts	198,727,150	140,225,352	42,753,914	39,865,565	42,629,953
<u>Natural gas delivered out of system</u>					
To distribution systems	82,787,110	61,226,818	19,200,870	18,023,490	19,461,098
To foreign transmission lines	42,590,344	38,599,849	8,473,024	8,201,864	8,544,915
To industrial consumers	6,322,820	5,166,364	1,310,045	1,267,283	1,351,691
To others	710	821	165	146	206
Total net deliveries	131,700,984	104,993,852	28,984,104	27,492,783	29,357,910
To Canadian transmission lines	60,668,125	31,883,740	13,198,742	12,105,863	12,652,152
To storage	4,109,284	1,668,827	-	-	-
Total gross deliveries	196,478,393	138,546,419	42,182,846	39,598,646	42,010,062
<u>Pipeline fuel</u>					
Pipeline fuel	1,749,463	1,011,994	381,591	360,440	374,314
<u>Pipeline losses and metering differences</u>					
Pipeline losses and metering differences	643,522	837,970	172,271	58,573	126,036
<u>Line pack fluctuations</u>					
Line pack fluctuations	- 144,228	- 171,031	17,206	- 152,094	119,541
Total disposition of receipts	198,727,150	140,225,352	42,753,914	39,865,565	42,629,953

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

NATURAL GAS TRANSMISSION BY MONTH

January to May, 1960

MCF*

April	May	June	July	August	September	October	November	December
9,447,808	9,556,848							
15,143,517	14,924,542							
735,185	824,945							
25,326,510	25,306,335							
11,367,347	11,344,021							
133,505	-							
36,827,362	36,650,356							
13,933,133	12,168,519							
8,717,725	8,652,816							
1,168,833	1,224,968							
116	77							
23,819,807	22,046,380							
11,367,347	11,344,021							
1,325,749	2,783,535							
36,512,903	36,173,936							
316,507	316,611							
144,625	142,017							
- 146,673	17,792							
36,827,362	36,650,356							

NET DELIVERIES OF NATURAL GAS BY TRANSMISSION LINES 1959 — 1960





GAS PIPE LINE TRANSPORT

June, 1960

Net deliveries of natural gas through Canadian pipe lines totalled 19,924,178 MCF in June, up 37.9 per cent from the total of 14,449,219 delivered in June last year. This resulted in an average daily sendout of 664,139 MCF compared with 481,641 one year ago.

For the six months ended June 30, 1960 net deliveries rose 26.9 per cent to 151,625,162 MCF from 119,443,071. The daily average sendout was 833,105 MCF compared with 659,906. During this period deliveries to distribution systems increased 35.0 per cent to 93,078,203 MCF from 68,942,001, deliveries to industrial consumers and others, 22.4 per cent to 7,495,680 from 6,124,392 and exports to the United States, 15.0 per cent to 51,051,279 from 44,376,678.

Operating revenues for the first half of the year increased \$13,401,075 or 38.0 per cent to \$48,678,749 from \$35,277,674 in the same period last year.

The statistics included in this report refer to the operations of companies primarily engaged in transmission of natural gas and hence do not comprise the transmission operations of companies predominantly involved in the distribution of natural gas.

The first report in the monthly Gas Pipe Line Transport series encompassed January to June, 1959 inclusive. Monthly reports have been issued subsequently. The first annual Gas Pipe Line Transport report will be compiled for the year 1959 and will provide financial and property statistics as well as a summary of monthly operations. Previous years' data are not available for comparison.

Sales of gas by distributing utilities are issued monthly in the report, "Sales of Manufactured and Natural Gas". An annual report of gas utilities engaged primarily in the distribution of gas will be issued in 1960 encompassing their total operations.

A "transmission" pipe line is defined as a pipe line constructed to carry natural gas at any stage between gas processing plants (residue gas) or field gate meter points (dry gas) and local distribution systems. Transmission pipe lines may receive gas directly from processing plants or field gate meter points or may receive gas from another transmission line or storage area. Also, transmission lines may deliver to other transmission lines or storage areas rather than directly to distribution systems.

Prepared in the Public Utilities Section,
Public Finance and Transportation Division.

TABLE 1

NATURAL GAS TRANSMISSION BY COMPANY

June, 1960

MCF*

	Total	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- eous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>Natural gas received into system</u>							
From own gathering systems	8,819,502	818,851	-	-	17,383	151,196	23,019
From other gathering systems	13,999,178	-	8,555,823	1,042,638	-	-	-
From foreign transmission lines	806,865	-	-	-	-	-	-
Total net receipts (1)	23,625,545	xxx	xxx	xxx	xxx	xxx	xxx
From Canadian transmission lines	10,603,017	-	-	-	-	-	-
From storage	460	-	-	-	-	-	-
Total gross receipts	34,229,022	818,851	8,555,823	1,042,638	17,383	151,196	23,019
<u>Natural gas delivered out of system</u>							
To distribution systems	10,291,093	2,925	13,391	-	18,058	-	23,019
To foreign transmission lines	8,460,935	-	-	1,036,651	-	-	-
To industrial consumers	1,172,106	815,926	352	-	-	137,960	-
To others	44	-	-	44	-	-	-
Total net deliveries (1)	19,924,178	xxx	xxx	xxx	xxx	xxx	xxx
To Canadian transmission lines	10,603,017	-	8,615,851	-	-	-	-
To storage	3,424,649	-	-	-	-	-	-
Total gross deliveries	33,951,844	818,851	8,629,594	1,036,695	18,058	137,960	23,019
Pipeline fuel	299,575	-	717	-	100	2,153	-
Pipeline losses and metering differences	96,988	-	-40,309	5,896	-775	11,083	-
Line pack fluctuations	-119,385	-	-34,179	47	-	-	-
Total disposition of receipts	34,229,022	818,851	8,555,823	1,042,638	17,383	151,196	23,019

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

(1) Not applicable to individual companies.

NATURAL GAS TRANSMISSION BY COMPANY

June, 1960

MCF*

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
-	349,952	-	786,738	-	-	15,865	248,730	-	6,407,768
-	-	84,480	-	-	1,742,091	51,041	-	-	2,523,105
-	-	-	-	-	806,865	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	-	238,200	1,748,966	-	-	8,615,851	-
-	-	-	-	-	460	-	-	-	-
-	349,952	84,480	786,738	238,200	4,298,382	66,906	248,730	8,615,851	8,930,873
-	350,632	84,780	549,800	21,684	857,920	67,458	247,846	6,715,003	1,338,577
-	-	-	-	-	-	-	-	-	7,424,284
-	-	-	-	217,868	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	238,200	-	-	-	-	1,748,966	-
-	-	-	-	-	3,424,649	-	-	-	-
-	350,632	84,780	788,000	239,552	4,282,569	67,458	247,846	8,463,969	8,762,861
-	-	-	-	-	30,734	-	-	125,900	139,971
-	-680	-300	-1,262	98	-14,921	-552	933	97,642	40,135
-	-	-	-	-1,450	-	-	-49	-71,660	-12,094
-	349,952	84,480	786,738	238,200	4,298,382	66,906	248,730	8,615,851	8,930,873

June, 1960

TABLE 2

OPERATING STATISTICS BY COMPANY

	Canada	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- eous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>MCF* Sendout - daily average</u>							
June, 1960	664,139	27,295	287,653	34,556	602	4,599	767
Year to date, 1960	833,105	27,414	335,091	47,207	1,167	4,927	2,061
June, 1959	481,641	22,988	156,040	32,235	586	2,972	621
Year to date, 1959	659,906	23,818	194,587	46,548	850	3,297	1,940
<u>MCF* Sendout on peak day of month</u>							
June, 1960	xxx	28,117	308,623	38,902	716	5,522	1,377
June, 1959	xxx	23,009	237,825	35,207	712	3,701	884
<u>Gross receipts - MCF*</u>							
June, 1960	34,229,022	818,851	8,555,823	1,042,638	17,383	151,196	23,019
Year to date, 1960	232,956,172	4,989,371	60,735,612	8,625,458	210,488	931,932	375,069
June, 1959	21,453,109	689,639	4,682,416	976,434	16,050	95,815	18,643
Year to date, 1959	161,678,461	4,311,094	35,471,473	8,509,642	147,876	629,275	351,151
<u>Gross deliveries - MCF*</u>							
June, 1960	33,951,844	818,851	8,629,594	1,036,695	18,058	137,960	23,019
Year to date, 1960	230,430,237	4,989,371	60,986,502	8,591,703	212,313	896,768	375,069
June, 1959	21,587,481	689,639	4,681,179	967,061	17,592	89,171	18,643
Year to date, 1959	160,133,900	4,311,095	35,220,276	8,425,182	153,817	596,707	351,151
<u>Operating revenues</u>							
1st quarter, 1960	\$ 26,577,147	79,233	1,352,975	758,129	50,079	23,081	94,569
2nd quarter, 1960	\$ 22,101,602	71,383	1,061,209	581,753	26,354	24,391	59,160
3rd quarter, 1960	\$						
4th quarter, 1960	\$						
Total to date	\$ 48,678,749	150,616	2,414,184	1,339,882	76,433	47,472	153,729
1st quarter, 1959	\$ 19,489,918	68,854	793,383	687,394	21,593	17,079	94,589
2nd quarter, 1959	\$ 15,787,756	64,169	646,978	541,331	17,560	15,126	54,429
3rd quarter, 1959	\$ 13,954,281	64,521	598,925	314,783	12,284	15,075	46,325
4th quarter, 1959	\$ 21,625,969	70,476	1,233,433	568,203	29,386	25,962	80,807
Total to date	\$ 70,857,924	268,020	3,272,719	2,111,711	80,823	73,242	276,150

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

OPERATING STATISTICS BY COMPANY

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
- 16,518 4,168 5,809	11,688 11,430 6,372 6,616	2,826 3,186 3,114 2,815	26,267 37,944 22,268 32,093	7,985 10,597 6,414 8,191	28,597(1) 91,715(1) 27,316(1) 83,936(1)	2,249 3,501 1,825 3,726	8,262 10,067 5,695 10,138	282,132 324,392 160,612 193,599	292,095 302,480 191,338 245,100
- 4,611	13,897 7,957	3,127 3,636	37,490 35,993	11,233 7,960	39,672 35,073(R)	3,160 2,330	9,610 11,437	313,169 183,822	314,179 218,029
- 2,097,829 125,048 1,051,439	349,952 2,054,633 189,890 1,179,365	84,480 575,928 92,013 505,665	786,738 6,980,416 670,403 5,832,963	238,200 1,909,838 194,411 1,475,113	4,298,382 24,257,369 3,040,263 19,255,709	66,906 650,009 54,753 674,464	248,730 1,800,095 167,946 1,818,375	8,615,851 60,658,885 4,675,727 35,483,283	8,930,873 56,103,240 5,763,658 44,981,574
- 2,097,803 125,048 1,051,439	350,632 2,080,197 191,166 1,197,549	84,780 579,927 93,413 509,555	788,000 6,905,776 668,027 5,808,820	239,552 1,928,626 192,427 1,482,554	4,282,569 24,225,985 3,070,053 19,111,724	67,458 637,200 54,753 674,464	247,846 1,832,190 170,834 1,835,084	8,463,969 59,039,432 4,818,358 35,041,394	8,762,861 55,051,375 5,740,117 44,363,089
918 132	19,875 23,019	11,042 8,253	55,654 46,601	434,132 342,180	4,538,655 2,252,653	83,468 49,119	70,185 59,540	12,137,695 10,858,803	6,867,457 6,637,052
1,050 349 180 296 576 1,581	42,894 13,906 15,657 12,688 21,802 64,053	19,295 12,282 9,295 11,026 10,482 43,085	102,255 57,571 48,108 44,827 60,734 211,240	776,312 372,649 265,946 262,337 410,542 1,311,474	6,791,308 3,647,890 2,209,187 1,600,890 3,195,623 10,653,590	132,587 93,400 54,351 45,751 75,441 268,943	129,725 64,793 53,539 53,355 66,239 237,926	22,996,498 7,376,707 6,351,180 5,985,343 9,875,698 29,588,928	13,504,509 6,167,479 5,440,720 4,885,855 5,900,385 22,394,439

(1) Calculation excludes deliveries to storage

(R) Revised

TABLE 3

NATURAL GAS TRANSMISSION BY MONTH

January to June, 1960

MCF*

	Year to date		January	February	March
	1960	1959			
<u>Natural gas received into system</u>					
From own gathering system	57,457,320	45,259,003	10,403,855	9,167,983	10,061,324
From other gathering systems	95,118,335	66,788,232	17,083,747	16,401,484	17,565,867
From foreign transmission lines	2,366,995	4,799,961	-	-	-
Total net receipts	154,942,650	116,847,196	27,487,602	25,569,467	27,627,191
From Canadian transmission lines	71,271,142	36,771,446	13,198,742	12,105,863	12,652,152
From storage	6,742,380	8,059,819	2,067,570	2,190,235	2,350,610
Total gross receipts	232,956,172	161,678,461	42,753,914	39,865,565	42,629,953
<u>Natural gas delivered out of system</u>					
To distribution systems	93,078,203	68,942,001	19,200,870	18,023,490	19,461,098
To foreign transmission lines	51,051,279	44,376,678	8,473,024	8,201,864	8,544,915
To industrial consumers	7,494,926	6,123,519	1,310,045	1,267,283	1,351,691
To others	754	873	165	146	206
Total net deliveries	151,625,162	119,443,071	28,984,104	27,492,783	29,357,910
To Canadian transmission lines	71,271,142	36,771,446	13,198,742	12,105,863	12,652,152
To storage	7,533,933	3,919,383	-	-	-
Total gross deliveries	230,430,237	160,133,900	42,182,846	39,598,646	42,010,062
<u>Pipeline fuel</u>					
Pipeline fuel	2,049,038	1,128,689	381,591	360,440	374,314
<u>Pipeline losses and metering differences</u>					
Pipeline losses and metering differences	740,510	943,705	172,271	58,573	126,036
<u>Line pack fluctuations</u>					
Line pack fluctuations	-263,613	-527,833	17,206	-152,094	119,541
Total disposition of receipts	232,956,172	161,678,461	42,753,914	39,865,565	42,629,953

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

NATURAL GAS TRANSMISSION BY MONTH

January to June, 1960

MCF*

April	May	June	July	August	September	October	November	December
9,447,808	9,556,848	8,819,502						
15,143,517	14,924,542	13,999,178						
735,185	824,945	806,865						
25,326,510	25,306,335	23,625,545						
11,367,347	11,344,021	10,603,017						
133,505	-	460						
36,827,362	36,650,356	34,229,022						
13,933,133	12,168,519	10,291,093						
8,717,725	8,652,816	8,460,935						
1,168,833	1,224,968	1,172,106						
116	77	44						
23,819,807	22,046,380	19,924,178						
11,367,347	11,344,021	10,603,017						
1,325,749	2,783,535	3,424,649						
36,512,903	36,173,936	33,951,844						
316,507	316,611	299,575						
144,625	142,017	96,988						
-146,673	17,792	-119,385						
36,827,362	36,650,356	34,229,022						

NET DELIVERIES OF NATURAL GAS BY TRANSMISSION LINES 1959 — 1960





GAS PIPE LINE TRANSPORT

July, 1960

Government
Publications

Net deliveries of natural gas through Canadian pipe lines totalled 19,103,693 MCF in July, 1960, an increase of 36.1 per cent over the total of 14,035,503 in July last year. The daily average sendout was 616,248 MCF compared with 452,758 one year ago.

For the seven months ended July 31, 1960 net deliveries increased 27.9 per cent to 170,728,855 MCF from 133,478,574 for the corresponding period in 1959. Daily average sendout was 801,544 MCF compared with 629,616. During this period deliveries to distribution systems increased 34.8 per cent to 102,641,900 MCF from 76,146,887, deliveries to industrial consumers and others, 22.5 per cent to 8,711,465 from 7,113,687 and exports to the United States, 18.2 per cent to 59,375,490 from 50,218,000.

The first report in the monthly Gas Pipe Line Transport series encompassed January to June, 1959 inclusive. Monthly reports have been issued subsequently. The first annual Gas Pipe Line Transport report will be compiled for the year 1959 and will provide financial and property statistics as well as a summary of monthly operations. Previous years' data are not available for comparison.

The statistics included in this report refer to the operations of companies primarily engaged in transmission of natural gas and hence do not comprise the transmission operations of companies predominantly involved in the distribution of natural gas.

Sales of gas by distributing utilities are issued monthly in the report, "Sales of Manufactured and Natural Gas". An annual report of gas utilities engaged primarily in the distribution of gas will be issued in 1960 encompassing their total operations.

A "transmission" pipe line is defined as a pipe line constructed to carry natural gas at any stage between gas processing plants (residue gas) or field gate meter points (dry gas) and local distribution systems. Transmission pipe lines may receive gas directly from processing plants or field gate meter points or may receive gas from another transmission line or storage area. Also, transmission lines may deliver to other transmission lines or storage areas rather than directly to distribution systems.

Prepared in the Public Utilities Section,
Public Finance and Transportation Division.

NATURAL GAS TRANSMISSION BY COMPANY

July, 1960

TABLE 1

MCF*

	Total	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- eous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>Natural gas received into system</u>							
From own gathering systems	8,565,638	844,337	-	-	13,783	156,046	12,595
From other gathering systems	13,701,205	-	8,194,732	919,977	-	-	-
From foreign transmission lines	838,843	-	-	-	-	-	-
Total net receipts (1)	23,105,686	xxx	xxx	xxx	xxx	xxx	xxx
From Canadian transmission lines	10,215,714	-	-	-	-	-	-
From storage	-	-	-	-	-	-	-
Total gross receipts	33,321,400	844,337	8,194,732	919,977	13,783	156,046	12,595
<u>Natural gas delivered out of system</u>							
To distribution systems	9,563,697	1,708	9,511	-	14,149	-	12,595
To foreign transmission lines	8,324,211	-	-	906,092	-	-	-
To industrial consumers	1,215,757	842,629	570	-	-	152,255	-
To others	28	-	-	28	-	-	-
Total net deliveries (1)	19,103,693	xxx	xxx	xxx	xxx	xxx	xxx
To Canadian transmission lines	10,215,714	-	8,292,742	-	-	-	-
To storage	3,736,929	-	-	-	-	-	-
Total gross deliveries	33,056,336	844,337	8,302,823	906,120	14,149	152,255	12,595
Pipeline fuel	344,160	-	667	-	210	2,225	-
Pipeline losses and metering differences	144,731	-	-23,613	13,849	-576	1,566	-
Line pack fluctuations	-223,827	-	-85,145	8	-	-	-
Total disposition of receipts	33,321,400	844,337	8,194,732	919,977	13,783	156,046	12,595

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

(1) Not applicable to individual companies.

NATURAL GAS TRANSMISSION BY COMPANY

July, 1960

MCF*

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
-	216,915	-	888,778	-	-	13,243	267,070	-	6,152,871
-	-	44,648	-	-	1,876,657	42,851	-	-	2,622,340
-	-	-	-	-	838,843	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	-	234,800	1,688,172	-	-	8,292,742	-
-	-	-	-	-	-	-	-	-	-
-	216,915	44,648	888,778	234,800	4,403,672	56,094	267,070	8,292,742	8,775,211
-	222,146	44,980	663,167	15,059	674,355	53,894	268,145	6,441,005	1,142,983
-	-	-	-	-	-	-	-	-	7,418,119
-	-	-	-	220,303	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	234,800	-	-	-	-	1,688,172	-
-	-	-	-	-	3,736,929	-	-	-	-
-	222,146	44,980	897,967	235,362	4,411,284	53,894	268,145	8,129,177	8,561,102
-	-	-	-	-	35,824	-	-	124,941	180,293
-	-	-332	-	-562	-43,436	2,200	-1,080	178,351	18,364
-	-5,231	-	-9,189	-	-	-	5	-139,727	15,452
-	216,915	44,648	888,778	234,800	4,403,672	56,094	267,070	8,292,742	8,775,211

July, 1960

TABLE 2

OPERATING STATISTICS BY COMPANY

	Canada	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- eous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>MCF* Sendout - daily average</u>							
July, 1960	616,248	27,237	267,833	29,230	456	4,911	406
Year to date, 1960	801,544	27,388	325,302	44,590	1,063	4,925	1,820
July, 1959	452,758	23,358	159,098	27,082	417	2,985	491
Year to date, 1959	629,616	23,751	189,397	43,701	786	3,252	1,728
<u>MCF* Sendout on peak day of month</u>							
July, 1960	xxx	27,837	303,920	32,902	584	5,612	644
July, 1959	xxx	23,782	186,761	31,290	584	3,476	927
<u>Gross receipts - MCF*</u>							
July, 1960	33,321,400	844,337	8,194,732	919,977	13,783	156,046	12,595
Year to date, 1960	266,277,572	5,833,708	68,930,344	9,545,435	224,271	1,087,978	387,664
July, 1959	21,800,260	724,111	4,950,535	839,994	11,949	99,157	15,195
Year to date, 1959	183,478,721	5,035,205	40,422,008	9,349,636	159,825	728,432	366,346
<u>Gross deliveries - MCF*</u>							
July, 1960	33,056,336	844,337	8,302,823	906,120	14,149	152,255	12,595
Year to date, 1960	263,486,573	5,833,708	69,289,325	9,497,823	226,462	1,049,023	387,664
July, 1959	21,513,823	724,111	4,932,030	839,563	12,938	92,534	15,195
Year to date, 1959	181,647,757	5,035,206	40,152,306	9,264,745	166,755	689,241	366,346
<u>Operating revenues</u>							
1st quarter, 1960	\$ 26,577,147	79,233	1,352,975	758,129	50,079	23,081	94,569
2nd quarter, 1960	\$ 22,101,602	71,383	1,061,209	581,753	26,354	24,391	59,160
3rd quarter, 1960	\$						
4th quarter, 1960	\$						
Total to date	\$ 48,678,749	150,616	2,414,184	1,339,882	76,433	47,472	153,729
1st quarter, 1959	\$ 19,489,918	68,854	793,383	687,394	21,593	17,079	94,589
2nd quarter, 1959	\$ 15,787,756	64,169	646,978	541,331	17,560	15,126	54,429
3rd quarter, 1959	\$ 13,954,281	64,521	598,925	314,783	12,284	15,075	46,325
4th quarter, 1959	\$ 21,625,969	70,476	1,233,433	568,203	29,386	25,962	80,807
Total to date	\$ 70,857,924	268,020	3,272,719	2,111,711	80,823	73,242	276,150

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

July, 1960
OPERATING STATISTICS BY COMPANY

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Trans-mission Co. Ltd.
- 16,518 3,680 5,498	7,166 10,809 2,046 5,948	2,045 3,063 1,273 2,590	28,967 36,637 16,304 29,784	7,592 10,160 4,510 7,653	21,753 ¹ 81,532 ¹ 27,294 ¹ 75,653 ¹	1,739 3,245 1,406 3,387	8,650 9,861 7,602 9,768	262,231 315,346 152,026 187,520	276,165 298,650 186,946 236,596
- 4,489	13,230 8,347	2,528 3,521	39,094 18,754	9,476 7,567	28,788 33,141 ¹	2,151 1,678	9,316 10,270	298,944 175,827	299,908 215,203
- 2,097,829 114,102 1,165,541	216,915 2,271,548 68,456 1,247,821	44,648 620,576 42,842 548,507	888,778 7,869,194 504,113 6,337,076	234,800 2,144,638 137,994 1,613,107	4,403,672 28,661,041 3,292,421 22,548,130	56,094 706,103 43,594 718,058	267,070 2,067,165 229,093 2,047,468	8,292,742 68,951,627 4,882,273 40,365,556	8,775,211 64,878,451 5,844,431 50,826,005
- 2,097,803 114,118 1,165,557	222,146 2,302,343 63,415 1,260,964	44,980 624,907 39,477 549,032	897,967 7,803,743 505,410 6,314,230	235,362 2,163,988 139,800 1,622,354	4,411,284 28,637,269 3,247,853 22,359,577	53,894 691,094 43,594 718,058	268,145 2,100,335 235,660 2,070,744	8,129,177 67,168,609 4,712,812 39,754,206	8,561,102 63,612,477 5,795,313 50,158,402
918 132	19,875 23,019	11,042 8,253	55,654 46,601	434,132 342,180	4,538,655 2,252,653	83,468 49,119	70,185 59,540	12,137,695 10,858,803	6,867,457 6,637,052
1,050 349 180 296 576 1,581	42,894 13,906 15,657 12,688 21,802 64,053	19,295 12,282 9,295 11,026 10,482 43,085	102,255 57,571 48,108 44,827 60,734 211,240	776,312 372,649 265,946 262,337 410,542 1,311,474	6,791,308 3,647,890 2,209,187 1,600,890 3,195,623 10,653,590	132,587 93,400 54,351 45,751 75,441 268,943	129,725 64,793 53,539 53,355 66,239 237,926	22,996,498 7,376,707 6,351,180 5,985,343 9,875,698 29,588,928	13,504,509 6,167,479 5,440,720 4,885,855 5,900,385 22,394,439

¹ Calculation excludes deliveries to storage.

r Revised.

TABLE 3

NATURAL GAS TRANSMISSION BY MONTH

January to July, 1960

MCF*

	Year to date		January	February	March
	1960	1959			
<u>Natural gas received into system</u>					
From own gathering system	66,022,958	51,184,354	10,403,855	9,167,983	10,061,324
From other gathering systems	108,819,540	75,840,420	17,083,747	16,401,484	17,565,867
From foreign transmission lines	3,205,838	6,546,091	-	-	-
Total net receipts	178,048,336	133,570,865	27,487,602	25,569,467	27,627,191
From Canadian transmission lines	81,486,856	41,848,037	13,198,742	12,105,863	12,652,152
From storage	6,742,380	8,059,819	2,067,570	2,190,235	2,350,610
Total gross receipts	266,277,572	183,478,721	42,753,914	39,865,565	42,629,953
<u>Natural gas delivered out of system</u>					
To distribution systems	102,641,900	76,146,887	19,200,870	18,023,490	19,461,098
To foreign transmission lines	59,375,490	50,218,000	8,473,024	8,201,864	8,544,915
To industrial consumers	8,710,683	7,112,771	1,310,045	1,267,283	1,351,691
To others	782	916	165	146	206
Total net deliveries	170,728,855	133,478,574	28,984,104	27,492,783	29,357,910
To Canadian transmission lines	81,486,856	41,848,037	13,198,742	12,105,863	12,652,152
To storage	11,270,862	6,321,112	-	-	-
Total gross deliveries	263,486,573	181,647,723	42,182,846	39,598,646	42,010,062
<u>Pipeline fuel</u>					
Pipeline fuel	2,393,198	1,244,851	381,591	360,440	374,314
Pipeline losses and metering differences	885,241	1,136,833	172,271	58,573	126,036
Line pack fluctuations	-487,440	-550,686	17,206	-152,094	119,541
Total disposition of receipts	266,277,572	183,478,721	42,753,914	39,865,565	42,629,953

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

NATURAL GAS TRANSMISSION BY MONTH

January to July, 1960

MCF*

April	May	June	July	August	September	October	November	December
9,447,808	9,556,848	8,819,502	8,565,638					
15,143,517	14,924,542	13,999,178	13,701,205					
735,185	824,945	806,865	838,843					
25,326,510	25,306,335	23,625,545	23,105,686					
11,367,347	11,344,021	10,603,017	10,215,714					
133,505	-	460	-					
36,827,362	36,650,356	34,229,022	33,321,400					
13,933,133	12,168,519	10,291,093	9,563,697					
8,717,725	8,652,816	8,460,935	8,324,211					
1,168,833	1,224,968	1,172,106	1,215,757					
116	77	44	28					
23,819,807	22,046,380	19,924,178	19,103,693					
11,367,347	11,344,021	10,603,017	10,215,714					
1,325,749	2,783,535	3,424,649	3,736,929					
36,512,903	36,173,936	33,951,844	33,056,336					
316,507	316,611	299,575	344,160					
144,625	142,017	96,988	144,731					
-146,673	17,792	-119,385	-223,827					
6,827,362	36,650,356	34,229,022	33,321,400					

NET DELIVERIES OF NATURAL GAS BY TRANSMISSION LINES 1959 — 1960





Canada.

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. George Hees, Minister of Trade and Commerce

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GAS PIPE LINE TRANSPORT

August, 1960.

The Gas Pipe Line Transport Industry is defined as that industry which is engaged in the transportation of natural gas, by pipe line, from natural gas fields or processing plants to local distribution systems. Companies included in this industry obtain the bulk of their revenue from the sale of gas to distribution companies for resale. Those companies that derive most of their revenue from the sale of gas to final consumers are classified as being in the Gas Distribution Industry.

In keeping with this definition four companies which were previously included in this statistical series have now been removed, and are included instead in the gas distribution series. These companies are: Ajax Alberta Pipeline Limited, Cold Lake Pipe Line Company Limited, Cretaceous Pipelines Limited and North Canadian Oils Limited.

Sales of gas by distribution utilities are issued monthly in the report, "Sales of Manufactured and Natural Gas". An annual report of gas utilities engaged primarily in the distribution of gas will be issued in 1960 encompassing their total operations.

Niagara Gas Transmission Limited which commenced operating in the latter part of 1959 is now included in this report.

Certain duplications in the statistics have occurred as a result of gas being obtained by pipe line companies from certain distribution companies, which had originally received the gas from pipe line transport companies. These duplications have now been removed and are shown as separate items.

Revisions resulting from the above changes have been incorporated in this report for previous months of 1960. Revisions for 1959 will be included in an annual report which will be released shortly.

Net deliveries of natural gas through Canadian pipe lines totalled 19,272,910 MCF in August, 1960, up 33.3 per cent from the total of 14,456,035 in August last year and an increase of 6.5 per cent from the July deliveries. Daily average sendout was 621,707 MCF compared with 466,324 one year ago.

For the eight months ended August 31, 1960 net deliveries rose 28.8 per cent to 180,014,559 MCF from 139,720,063 MCF in the same period last year. The daily average send out was 749,480 MCF compared with 584,503.

During this period deliveries to distribution systems increased 34.0 per cent to 112,050,925 MCF from 83,628,066 and exports to the United States increased 21.2 per cent to 67,913,823 MCF from 56,027,885. Included in these exports was the first movement of gas to the United States by Trans-Canada Pipe Lines Limited. This gas was being used for testing purposes, line fill, etc. Actual export of gas is not expected until mid-October.

Deliveries for the twelve month period ended August 1960 amounted to 259,573,517 MCF.

Prepared in the Public Utilities Section,
Public Finance and Transportation Division.

8506-503-80

TABLE 1

NATURAL GAS TRANSMISSION BY COMPANY

August, 1960

MCF*

	Total August, 1959	Total August, 1960	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Grande Prairie Trans- mission Co. Ltd.
<u>Natural gas received into system</u>					
From own gathering systems	5,888,177	8,073,525	-	-	15,893
From other gathering systems	8,346,114	11,609,828	7,492,392	970,481	-
From foreign transmission lines	1,772,791	824,972	-	-	-
Total net receipts (1)	16,007,082	20,508,325	xxx	xxx	xxx
From Canadian transmission lines	5,250,962	8,628,085	-	-	-
From storage	-	-	-	-	-
From distribution systems	1,284,881	527,201	-	-	-
Total gross receipts	22,542,925	29,663,611	7,492,392	970,481	15,893
<u>Natural gas delivered out of system</u>					
To distribution systems	8,638,217	10,712,055	12,736	-	15,893
To foreign transmission lines	5,809,884	8,538,333	-	951,668	-
To industrial consumers	7,895	22,481	22,481	-	-
To others	39	41	-	41	-
Total net deliveries (1)	14,456,035	19,272,910	xxx	xxx	xxx
To Canadian transmission lines	5,250,962	8,628,085	7,420,423	-	-
To storage	2,534,683	1,167,440	-	-	-
Redelivered to distribution systems	-	102,429	-	-	-
Total gross deliveries	22,241,680	29,170,864	7,455,640	951,709	15,893
Pipeline fuel	144,345	295,278	634	-	-
Pipeline losses and metering differences	69,360	123,466	-35,799	18,660	-
Line pack fluctuations	87,540	74,003	71,917	112	-
Total disposition of receipts	22,542,925	29,663,611	7,492,392	970,481	15,893

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

(1) Not applicable to individual companies.

NATURAL GAS TRANSMISSION BY COMPANY

August, 1960

MCF*

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	Niagara Gas Transmission Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
-	365,108	-	1,158,923	-	-	13,066	290,943	-	6,229,592
-	-	66,583	-	-	326,314	46,609	-	-	2,707,449
-	-	-	-	-	824,972	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	-	-	1,207,662	-	-	7,420,423	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	102,429	424,772	-	-	-	-
-	365,108	66,583	1,158,923	102,429	2,783,720	59,675	290,943	7,420,423	8,937,041
-	375,127	69,005	1,166,224	-	1,618,883	59,255	293,658	5,801,636	1,299,638
-	-	-	-	-	-	-	-	70,640	7,516,025
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	-	-	-	-	-	1,207,662	-
-	-	-	-	-	1,167,440	-	-	-	-
-	-	-	-	102,429	-	-	-	-	-
-	375,127	69,005	1,166,224	102,429	2,786,323	59,255	293,658	7,079,938	8,815,663
-	-	-	-	-	21,635	-	-	85,309	187,700
-	-10,019	-2,422	-7,301	-	-24,238	420	-2,725	191,340	-4,450
-	-	-	-	-	-	-	10	63,836	-61,872
-	365,108	66,583	1,158,923	102,429	2,783,720	59,675	290,943	7,420,423	8,937,041

August, 1960

TABLE 2

OPERATING STATISTICS BY COMPANY

	Canada	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Grande Prairie Trans- mission Co. Ltd.
<u>MCF* Sendout - daily average</u>				
August, 1960	621,707	240,504	30,700	513
Year to date, 1960	749,480	314,529	42,826	1,654
August, 1959	466,324	168,142	20,868	616
Year to date, 1959	584,503	186,656	40,789	1,586
<u>MCF* Sendout on peak day of month</u>				
August, 1960	xxx	308,449	43,972	1,039
August, 1959	xxx	202,636	29,504	1,043
<u>Gross receipts - MCF*</u>				
August, 1960	29,663,611	7,492,392	970,481	15,893
Year to date, 1960	287,225,678	76,422,736	10,515,916	403,557
August, 1959	22,542,925	5,267,124	666,780	19,066
Year to date, 1959	198,482,811	45,689,131	10,016,416	385,412
<u>Gross deliveries - MCF*</u>				
August, 1960	29,170,864	7,455,640	951,709	15,893
Year to date, 1960	283,959,346	76,744,965	10,449,532	403,557
August, 1959	22,241,680	5,212,385	646,889	19,066
Year to date, 1959	196,373,582	45,364,691	9,911,634	385,412
<u>Operating revenues</u>				
1st quarter, 1960	\$ 25,996,622	1,352,975	758,129	94,569
2nd quarter, 1960	\$ 21,643,294	1,061,209	581,753	59,160
3rd quarter, 1960	\$			
4th quarter, 1960	\$			
Total to date	\$ 47,639,916	2,414,184	1,339,882	153,729
1st quarter, 1959	\$ 19,009,743	793,383	687,394	94,589
2nd quarter, 1959	\$ 15,424,955	646,978	541,331	54,429
3rd quarter, 1959	\$ 13,600,064	598,925	314,783	46,325
4th quarter, 1959	\$ 21,089,603	1,233,433	568,203	80,807
Total to date	\$ 69,124,365	3,272,719	2,111,711	276,150

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

OPERATING STATISTICS BY COMPANY

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	Niagara Gas Transmission Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
- 16,518 6,125 5,578	12,101 10,973 7,546 6,152	2,226 2,953 3,234 2,672	37,620 36,762 27,410 29,481	3,304 2,777 - -	52,222 ^{1/} 77,809 ^{1/} 29,782 ^{1/} 69,801 ^{1/}	1,911 3,075 1,702 3,172	9,473 9,811 9,760 9,767	228,385 304,297 163,616 184,461	284,376 296,837 196,910 231,533
- 9,379	13,687 9,813	2,420 3,820	42,694 38,856	3,823 -	111,286 37,487 ^r	2,808 2,325	10,773 10,649	289,137 200,540	293,522 222,224
- 2,097,829 189,844 1,355,385	365,108 2,636,656 225,682 1,473,504	66,583 687,159 98,502 647,009	1,158,923 9,028,117 855,328 7,192,404	102,429 677,519 - -	2,783,720 31,444,761 3,469,650 26,015,514	59,675 765,778 52,769 770,827	290,943 2,358,108 294,794 2,342,262	7,420,423 76,372,050 5,194,457 45,560,013	8,937,041 73,815,492 6,208,929 57,034,934
- 2,097,803 189,871 1,355,428	375,127 2,677,470 233,943 1,494,907	69,005 693,912 100,246 649,278	1,166,224 8,969,967 849,698 7,163,928	102,429 677,519 - -	2,786,323 31,423,592 3,457,936 25,817,513	59,255 750,349 52,769 770,827	293,658 2,393,993 302,578 2,373,322	7,079,938 74,248,547 5,072,076 44,824,017	8,815,663 72,428,140 6,104,223 56,262,625
918 132	19,875 23,019	11,042 8,253	55,654 46,601	6,000 6,000	4,538,655 2,252,653	83,468 49,119	70,185 59,540	12,137,695 10,858,803	6,867,457 6,637,052
1,050 349 180 296 756 1,581	42,894 13,906 15,657 12,688 21,802 64,053	19,295 12,282 9,295 11,026 10,482 43,085	102,255 57,571 48,108 44,827 60,734 211,240	12,000 - - n.a. n.a.	6,791,308 3,647,890 2,209,187 1,600,890 3,195,623 10,653,590	132,587 93,400 54,351 45,751 75,441 268,943	129,725 64,793 53,539 53,355 66,239 237,926	22,996,498 7,376,707 6,351,180 5,985,343 9,875,698 29,588,928	13,504,509 6,167,479 5,440,720 4,885,855 5,900,385 22,394,439

^{1/} Calculation excludes deliveries to storage.
^r Revised.

TABLE 3

NATURAL GAS TRANSMISSION BY MONTH
January to August, 1960

MCF*

	Year to date		January	February	March
	1960	1959			
<u>Natural gas received into system</u>					
From own gathering system	66,237,558	51,149,071	8,630,074	8,136,012	8,963,748
From other gathering systems	116,432,419	80,736,528	17,796,715	16,401,484	17,565,867
From foreign transmission lines	4,030,810	8,318,882	-	-	-
Total net receipts	186,700,787	140,204,481	26,426,789	24,537,496	26,529,615
From Canadian transmission lines	87,970,303	45,483,627	12,811,569	11,762,731	12,291,925
From storage	6,742,380	8,059,819	2,067,570	2,190,235	2,350,610
From distribution systems	5,812,208	4,734,884	9,565	27,787	115,097
Total gross receipts	287,225,678	198,482,811	41,315,493	38,518,249	41,287,247
<u>Natural gas delivered out of system</u>					
To distribution systems	112,050,925	83,628,066	18,648,586	17,264,267	18,711,126
To foreign transmission lines	67,913,823	56,027,885	8,473,024	8,201,864	8,544,915
To industrial consumers	48,988	63,158	-	13,528	11,275
To others	823	954	165	146	206
Total net deliveries	180,014,559	139,720,063	27,121,775	25,479,805	27,267,522
To Canadian transmission lines	87,970,303	45,483,627	12,811,569	11,762,731	12,291,925
To storage	12,438,302	8,855,795	-	-	-
Redelivered to distribution systems	3,536,182	2,314,097	811,509	1,008,672	1,105,127
Total gross deliveries	283,959,346	196,373,582	40,744,853	38,251,208	40,664,574
Pipeline fuel	2,668,245	1,374,991	377,140	357,486	371,108
Pipeline losses and metering differences	1,009,394	1,191,911	176,294	60,969	132,024
Line pack fluctuations	- 411,307	- 457,673	17,206	- 151,414	119,541
Total disposition of receipts	287,225,678	198,482,811	41,315,493	38,518,249	41,287,247

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

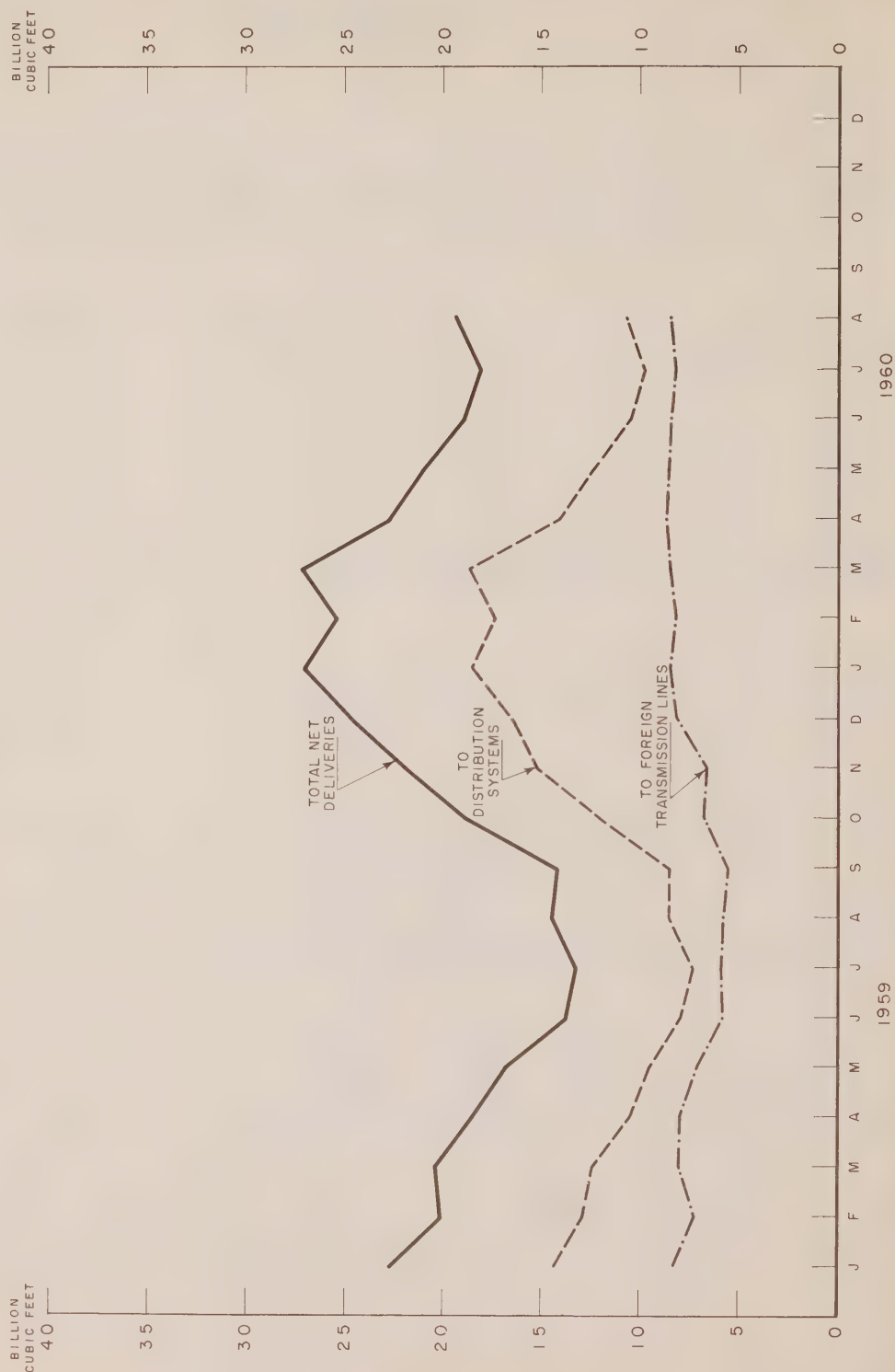
NATURAL GAS TRANSMISSION BY MONTH

January to August, 1960

MCF*

April	May	June	July	August	September	October	November	December
8,492,900	8,557,755	7,832,072	7,551,472	8,073,525				
14,582,286	13,657,983	12,631,389	12,186,867	11,609,828				
735,185	824,945	806,865	838,843	824,972				
23,810,371	23,040,683	21,270,326	20,577,182	20,508,325				
11,075,347	11,054,915	10,364,817	9,980,914	8,628,085				
133,505	-	460	-	-				
671,769	1,374,136	1,459,246	1,627,407	527,201				
35,690,992	35,469,734	33,094,849	32,185,503	29,663,611				
14,062,486	12,398,198	10,486,626	9,767,581	10,712,055				
8,717,725	8,652,816	8,460,935	8,324,211	8,538,333				
165	617	352	570	22,481				
116	77	44	28	41				
22,780,492	21,051,708	18,947,957	18,092,390	19,272,910				
11,075,347	11,054,915	10,364,817	9,980,914	8,628,085				
1,325,749	2,783,535	3,424,649	3,736,929	1,167,440				
196,342	107,577	91,457	113,069	102,429				
35,377,930	34,997,735	32,828,880	31,923,302	29,170,864				
313,968	314,218	297,322	341,725	295,278				
145,767	139,989	86,582	144,303	123,466				
- 146,673	17,792	- 117,935	- 223,827	74,003				
35,690,992	35,469,734	33,094,849	32,185,503	29,663,611				

NET DELIVERIES OF NATURAL GAS BY TRANSMISSION LINES 1959 — 1960





(DOMINION BUREAU OF STATISTICS)

OTTAWA - CANADA

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In keeping with this definition four companies which were previously included in this statistical series have now been removed, and are included instead in the gas distribution series. These companies are: Ajax Alberta Pipeline Limited, Cold Lake Pipe Line Company Limited, Cretaceous Pipelines Limited and North Canadian Oils Limited.

Sales of gas by distribution utilities are issued monthly in the report, "Sales of Manufactured and Natural Gas". An annual report of gas utilities engaged primarily in the distribution of gas will be issued in 1960 encompassing their total operations.

Niagara Gas Transmission Limited which commenced operating in the latter part of 1959 is now included in this report.

Duplications in the statistics have occurred as a result of gas being obtained by pipe line transport companies from certain distribution companies, which had in turn, originally received the gas from pipe line transport company. These duplications have now been removed and are shown as separate items.

Revisions resulting from the above changes have been incorporated in this report for previous months of 1960. Revisions for 1959 will be included in an annual report which will be released shortly.

Net deliveries of natural gas through Canadian pipe lines totalled 18,826,214 MCF in September, 1960, up 32.4 per cent from the total of 14,216,131 in September of the previous year. Daily average sendout was 627,540 MCF compared with 473,871 in September, 1959.

For the nine months ended September 30, 1960 net deliveries increased 28.7 per cent to 198,105,554 from 153,936,194 in the same period last year. The daily average sendout was 723,013 MCF compared with 563,869. During this period deliveries to distribution systems increased 32.3 per cent to 122,033,049 MCF from 92,225,224 and exports to the United States increased 23.4 per cent to 76,044,144 from 61,646,795 MCF.

Prepared in the Public Utilities Section,
Public Finance and Transportation Division.

8506-503-90

TABLE 1

NATURAL GAS TRANSMISSION BY COMPANY

September, 1960.

MCF*

	Total September, 1959	Total September, 1960	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Grande Prairie Trans- mission Co. Ltd.
<u>Natural gas received into system</u>					
From own gathering systems	5,849,675	8,100,732	-	-	26,075
From other gathering systems	8,222,139	13,056,712	9,325,766	994,975	-
From foreign transmission lines	1,693,188	808,117	-	-	-
Total net receipts (1)	15,765,002	21,965,561	xxx	xxx	xxx
From Canadian transmission lines	4,594,178	11,331,976	-	-	-
From storage	-	-	-	-	-
From distribution systems	-	112,278	-	-	-
Total gross receipts	20,359,180	33,409,815	9,325,766	994,975	26,075
<u>Natural gas delivered out of system</u>					
To distribution systems	8,597,158	10,687,343	23,482	-	26,075
To foreign transmission lines	5,618,910	8,130,321	-	980,413	-
To industrial consumers	-	8,503	8,503	-	-
To others	63	47	-	47	-
Total net deliveries (1)	14,216,131	18,826,214	xxx	xxx	xxx
To Canadian transmission lines	4,594,178	11,331,976	9,231,641	-	-
To storage	1,199,135	2,203,095	-	-	-
Redelivered to distribution systems	-	112,278	-	-	-
Total gross deliveries	20,009,444	32,473,563	9,263,626	980,460	26,075
Pipeline fuel	125,204	307,910	638	-	-
Pipeline losses and metering differences	67,725	146,715	-4,460	14,278	-
Line pack fluctuations	156,807	481,627	65,962	237	-
Total disposition of receipts	20,359,180	33,409,815	9,325,766	994,975	26,075

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

(1) Not applicable to individual companies.

NATURAL GAS TRANSMISSION BY COMPANY

September, 1960

MCF*

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	Niagara Gas Transmission Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
-	317,450	-	1,240,558	-	-	22,775	271,425	-	6,222,449
-	-	72,931	-	-	371,647	49,129	-	-	2,242,264
-	-	-	-	-	808,117	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	-	-	2,100,335	-	-	9,231,641	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	112,278	-	-	-	-	-
-	317,450	72,931	1,240,558	112,278	3,280,099	71,904	271,425	9,231,641	8,464,713
-	320,211	73,968	1,253,776	-	1,029,758	72,885	275,125	6,077,138	1,534,925
-	-	-	-	-	-	-	-	448,591	6,701,317
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	-	-	-	-	-	2,100,335	-
-	-	-	-	-	2,203,095	-	-	-	-
-	-	-	-	112,278	-	-	-	-	-
-	320,211	73,968	1,253,776	112,278	3,232,853	72,885	275,125	8,626,064	8,236,242
-	-	-	-	-	24,042	-	-	151,858	131,372
-	-2,761	-1,037	-13,218	-	23,204	-981	-3,657	128,831	6,516
-	-	-	-	-	-	-	-43	324,888	90,583
-	317,450	72,931	1,240,558	112,278	3,280,099	71,904	271,425	9,231,641	8,464,713

TABLE 2

OPERATING STATISTICS BY COMPANY

September, 1960

	Canada	Alberta Gas Trunk Line Co. Ltd	Canadian- Montana Pipe Line Co.	Grande Prairie Trans- mission Co. Ltd.
<u>MCF* Sendout - daily average</u>				
September, 1960	627,540	308,788	32,682	869
Year to date, 1960	723,013	313,900	41,715	1,563
September, 1959	473,871	151,636	22,397	964
Year to date, 1959	563,869	182,835	38,767	1,517
<u>MCF* Sendout on peak day of month</u>				
September, 1960	XXXX	385,401	55,360	1,468
September, 1959	XXXX	213,483	37,528	1,636
<u>Gross receipts - MCF*</u>				
September, 1960	33,409,815	9,325,766	994,975	26,075
Year to date, 1960	320,635,493	85,748,502	11,510,891	429,632
September, 1959	20,359,180	4,691,857	664,433	28,916
Year to date, 1959	218,841,991	50,380,988	10,680,849	414,328
<u>Gross deliveries - MCF*</u>				
September, 1960	32,473,563	9,263,626	980,460	26,075
Year to date, 1960	316,432,909	86,008,591	11,429,992	429,632
September, 1960	20,009,444	4,549,098	671,888	28,916
Year to date, 1959	216,383,026	49,913,789	10,583,522	414,328
<u>Operating revenues</u>				
1st quarter, 1960	\$ 25,996,622	1,352,975	758,129	94,569
2nd quarter, 1960	\$ 21,643,294	1,061,209	581,753	59,160
3rd quarter, 1960	\$ 20,431,152	1,737,253	442,014	50,322
4th quarter, 1960	\$			
Total to date	\$ 68,071,068	4,151,437	1,781,896	204,051
1st quarter, 1959	\$ 19,009,743	793,383	687,394	94,589
2nd quarter, 1959	\$ 15,424,955	646,978	541,331	54,429
3rd quarter, 1959	\$ 13,600,064	598,925	314,783	46,325
4th quarter, 1959	\$ 21,089,603	1,233,433	568,203	80,807
Total to date	\$ 69,124,365	3,272,719	2,111,711	276,150

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

OPERATING STATISTICS BY COMPANY

September, 1960

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	Niagara Gas Transmission Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Trans-mission Co. Ltd.
- 16,518 9,426 6,001	10,674 10,940 7,201 6,267	2,466 2,898 3,997 2,818	41,793 37,313 35,153 30,104	3,743 2,882 - -	34,325 70,364 33,723 65,837	2,429 3,005 2,384 3,085	9,171 9,741 9,639 9,752	287,535 302,462 145,723 180,220	274,541 294,396 204,768 228,593
- 15,244	12,781 10,567	3,092 4,394	43,626 43,090	4,006 -	51,301 67,947	3,092 3,680	10,041 11,305	355,877 197,338	307,282 250,105
- 2,097,829 282,776 1,638,161	317,450 2,954,106 211,069 1,684,573	72,931 760,090 118,734 765,743	1,240,558 10,268,675 1,073,667 8,266,071	112,278 789,797 - -	3,280,099 34,724,860 2,209,270 28,224,784	71,904 837,682 71,507 842,334	271,425 2,629,533 285,923 2,628,185	9,231,641 85,603,691 4,538,963 50,098,976	8,464,713 82,280,205 6,182,065 63,216,999
- 2,097,803 282,776 1,638,204	320,211 2,997,681 216,036 1,710,943	73,968 767,880 119,896 769,174	1,253,776 10,223,743 1,054,600 8,218,528	112,278 789,797 - -	3,232,853 34,656,445 2,210,839 28,028,352	72,885 823,234 71,507 842,334	275,125 2,669,118 289,184 2,662,506	8,626,064 82,874,611 4,371,686 49,195,703	8,236,242 80,664,382 6,143,018 62,405,643
918 132 -	19,875 23,019 19,004	11,042 8,253 6,173	55,654 46,601 48,470	6,000 6,000 6,000	4,538,655 2,252,653 1,644,348	83,468 49,119 47,736	70,185 59,540 59,269	12,137,695 10,858,803 9,975,649	6,867,457 6,637,052 6,394,914
1,050 349 180 296 756 1,581	61,898 13,906 15,657 12,688 21,802 64,053	25,468 12,282 9,295 11,026 10,482 43,085	150,725 57,571 48,108 44,827 60,734 211,240	18,000 - - - n.a. n.a.	8,435,656 3,647,890 2,209,187 1,600,890 3,195,623 10,653,590	180,323 93,400 54,351 45,751 75,441 268,943	188,994 64,793 53,539 53,355 66,239 237,926	32,972,147 7,376,707 6,351,180 5,985,343 9,875,698 29,588,928	19,899,423 6,167,479 5,440,720 4,885,855 5,900,385 22,394,439

TABLE 3

NATURAL GAS TRANSMISSION BY MONTH

January to September, 1960

MCF*

	Year to date		January	February	March
	1960	1959			
<u>Natural gas received into system</u>					
From own gathering system	74,338,290	56,998,746	8,630,074	8,136,012	8,963,748
From other gathering systems	129,489,131	88,958,667	17,796,715	16,401,484	17,565,867
From foreign transmission lines	4,838,927	10,012,070	-	-	-
Total net receipts	208,666,348	155,969,483	26,426,789	24,537,496	26,529,615
From Canadian transmission lines	99,302,279	50,077,805	12,811,569	11,762,731	12,291,925
From storage	6,742,380	8,059,819	2,067,570	2,190,235	2,350,610
From distribution systems	5,924,486	4,734,884	9,565	27,787	115,097
Total gross receipts	320,635,493	218,841,991	41,315,493	38,518,249	41,287,247
<u>Natural gas delivered out of system</u>					
To distribution systems	122,003,049	92,225,224	18,648,586	17,264,267	18,711,126
To foreign transmission lines	76,044,144	61,646,795	8,473,024	8,201,864	8,544,915
To industrial consumers	57,491	63,158	-	13,528	11,275
To others	870	1,017	165	146	206
Total net deliveries	198,105,554	153,936,194	27,121,775	25,479,805	27,267,522
To Canadian transmission lines	99,302,279	50,077,805	12,811,569	11,762,731	12,291,925
To storage	15,376,616	10,054,930	-	-	-
Redelivered to distribution systems	3,648,460	2,314,097	811,509	1,008,672	1,105,127
Total gross deliveries	316,432,909	216,383,026	40,744,853	38,251,208	40,664,574
Pipeline fuel	2,976,155	1,500,195	377,140	357,486	371,108
Pipeline losses and metering differences	1,156,109	1,259,636	176,294	60,969	132,024
Line pack fluctuations	70,320	-300,866	17,206	-151,414	119,541
Total disposition of receipts	320,635,493	218,841,991	41,315,493	38,518,249	41,287,247

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

NATURAL GAS TRANSMISSION BY MONTH

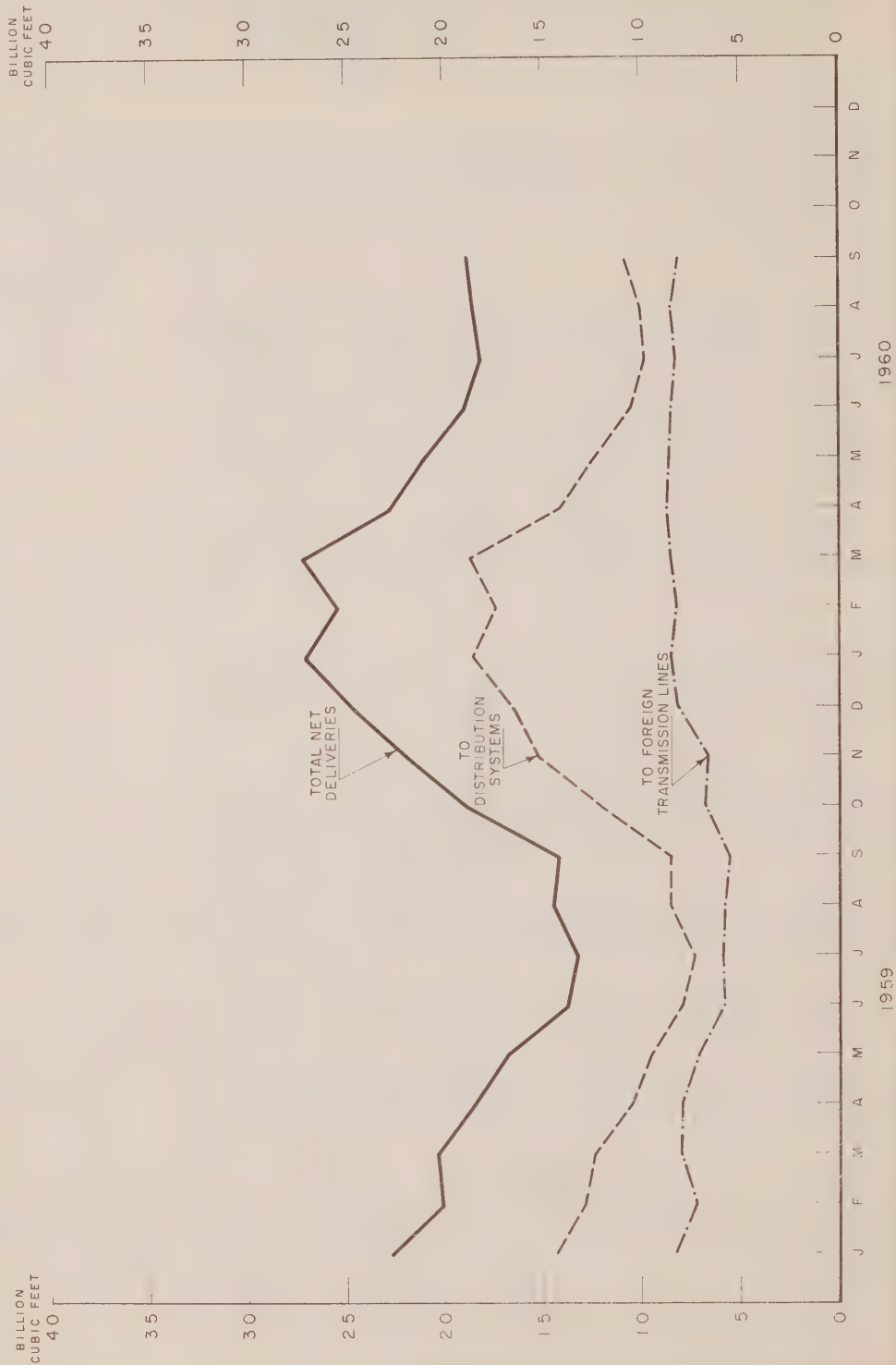
January to September, 1960

MCF*

April	May	June	July	August	September	October	November	December
8,492,900	8,557,755	7,832,072	7,551,472	8,073,525	8,100,732			
14,582,286	13,657,983	12,631,389	12,186,867	11,609,828	13,056,712			
735,185	824,945	806,865	838,843	824,972	808,117			
23,810,371	23,040,683	21,270,326	20,577,182	20,508,325	21,965,561			
11,075,347	11,054,915	10,364,817	9,980,914	8,628,085	11,331,976			
133,505	-	460	-	-	-			
671,769	1,374,136	1,459,246	1,627,407	527,201	112,278			
35,690,992	35,469,734	33,094,849	32,185,503	29,663,611	33,409,815			
14,062,486	12,398,198	10,486,626	9,767,581	9,976,836 ^F	10,687,343			
8,717,725	8,652,816	8,460,935	8,324,211	8,538,333	8,130,321			
165	617	352	570	22,481	8,503			
116	77	44	28	41	47			
22,780,492	21,051,708	18,947,957	18,092,390	18,537,691 ^F	18,826,214			
11,075,347	11,054,915	10,364,817	9,980,914	8,628,085	11,331,976			
1,325,749	2,783,535	3,424,649	3,736,929	1,902,659 ^F	2,203,095			
196,342	107,577	91,457	113,069	102,429	112,278			
35,377,930	34,997,735	32,828,880	31,923,302	29,170,864	32,473,563			
313,968	314,218	297,322	341,725	295,278	307,910			
145,767	139,989	86,582	144,303	123,466	146,715			
-146,673	17,792	-117,935	-223,827	74,003	481,627			
35,690,992	35,469,734	33,094,849	32,185,503	29,663,611	33,409,815			

Revised

NET DELIVERIES OF NATURAL GAS BY TRANSMISSION LINES 1959 — 1960



Monthly



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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GAS PIPE LINE TRANSPORT

October, 1960.

The Gas Pipe Line Transport Industry is defined as that industry which is engaged in the transportation of natural gas, by pipe line, from natural gas fields or processing plants to local distribution systems. Companies included in this industry obtain the bulk of their revenue from the sale of gas to distribution companies for resale. Those companies that derive most of their revenue from the sale of gas to final consumers are classified as being in the Gas Distribution Industry.

In keeping with this definition four companies which were previously included in this statistical series have now been removed, and are included instead in the gas distribution series. These companies are: Ajax Alberta Pipeline Limited, Cold Lake Pipe Line Company Limited, Cretaceous Pipelines Limited and North Canadian Oils Limited.

Sales of gas by distribution utilities are issued monthly in the report, "Sales of Manufactured and Natural Gas". An annual report of gas utilities engaged primarily in the distribution of gas will be issued in 1960 encompassing their total operations.

Niagara Gas Transmission Limited which commenced operating in the latter part of 1959 is now included in this report.

Duplications in the statistics have occurred as a result of gas being obtained by pipe line transport companies from certain distribution companies, which had in turn, originally received the gas from pipe line transport company. These duplications have now been removed and are shown as separate items.

Revisions resulting from the above changes have been incorporated in this report for previous months of 1960. Revisions for 1959 will be included in an annual report which will be released shortly.

Net deliveries of natural gas through Canadian pipe lines totalled 24,288,592 MCF in October, 1960, up 28.6 per cent from the total of 18,891,123 in October last year. The daily average sendout was 783,503 MCF compared with 609,391.

For the ten months ended October 31, 1960 net deliveries increased 28.7 per cent to 222,394,146 MCF from 172,827,317 in the same period last year and daily average sendout was 729,161 MCF compared with 568,511. During this period deliveries to distribution systems increased 30.4 per cent to 136,062,472 MCF from 104,358,500 and exports to the United States increased 26.1 per cent to 86,270,824 MCF from 68,401,987.

Prepared in the Public Utilities Section,
Public Finance and Transportation Division.

8506-503-100

TABLE 1

NATURAL GAS TRANSMISSION BY COMPANY

October, 1960

MCF*

	Total October 1959	Total October 1960	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Grande Prairie Transmission Co. Ltd.
<u>Natural gas received into system</u>					
From own gathering systems	6,970,753	8,498,883	-	-	44,326
From other gathering systems	11,660,584	17,316,389	12,588,188	1,503,743	-
From foreign transmission lines	1,622,102	637,653	-	-	-
Total net receipts (1)	20,253,439	26,452,925	xxx	xxx	xxx
From Canadian transmission lines	7,341,286	14,644,062	-	-	-
From storage	192,345	72,146	-	-	-
From distribution systems	50,435	121,982	-	-	-
Total gross receipts	27,837,505	41,291,115	12,588,188	1,503,743	44,326
<u>Natural gas delivered out of system</u>					
To distribution systems	12,133,074	14,059,423	55,990	-	44,326
To foreign transmission lines	6,755,192	10,226,680	-	1,493,288	-
To industrial consumers	2,739	2,434	2,434	-	-
To others	118	55	-	55	-
Total net deliveries (1)	18,891,123	24,288,592	xxx	xxx	xxx
To Canadian transmission lines	7,341,286	14,644,062	12,416,156	-	-
To storage	751,502	1,457,669	-	-	-
Redelivered to distribution systems	124,499	271,455	-	-	-
Total gross deliveries	27,108,410	40,661,778	12,474,580	1,493,343	44,326
Pipeline fuel	192,980	411,700	1,117	-	-
Pipeline losses and metering differences	118,395	43,452	-18,350	9,392	-
Line pack fluctuations	417,720	174,185	130,841	1,008	-
Total disposition of receipts	27,837,505	41,291,115	12,588,188	1,503,743	44,326

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

(1) Not applicable to individual companies.

NATURAL GAS TRANSMISSION BY COMPANY

October, 1960

MCF*

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	Niagara Gas Transmission Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
-	326,840	-	1,316,210	-	-	37,471	294,278	-	6,479,758
41,918	-	51,041	-	-	415,909	60,972	-	-	2,654,618
-	-	-	-	-	637,653	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	-	-	2,227,906	-	-	12,416,156	-
-	-	-	-	-	72,146	-	-	-	-
-	-	-	-	121,982	-	-	-	-	-
41,918	326,840	51,041	1,316,210	121,982	3,353,614	98,443	294,278	12,416,156	9,134,376
41,910	333,751	51,458	1,324,795	-	1,726,572	102,567	296,015	8,059,841	2,022,198
-	-	-	-	-	-	-	-	1,687,092	7,046,300
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	-	-	-	-	-	2,227,906	-
-	-	-	-	-	1,457,669	-	-	-	-
-	-	-	-	121,982	149,473	-	-	-	-
41,910	333,751	51,458	1,324,795	121,982	3,333,714	102,567	296,015	11,974,839	9,068,498
-	-	-	-	-	18,873	-	-	241,792	149,918
-	-6,911	-417	-8,585	-	1,027	-4,124	-1,972	45,150	28,242
8	-	-	-	-	-	-	235	154,375	-112,282
41,918	326,840	51,041	1,316,210	121,982	3,353,614	98,443	294,278	12,416,156	9,134,376

TABLE 2

OPERATING STATISTICS BY COMPANY

October, 1960

	Canada	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Grande Prairie Transmission Co. Ltd.
<u>MCF* Sendout - daily average</u>				
October, 1960	783,503	240,581	48,172	1,430
Year to date, 1960	729,161	322,896	42,372	1,554
October, 1959	609,391	228,758	33,252	1,691
Year to date, 1959	568,511	187,517	38,205	1,536
<u>MCF* Sendout on peak day of month</u>				
October, 1960	XXX	536,403	53,755	2,315
October, 1959	XXX	287,268	40,057	3,483
<u>Gross receipts - MCF*</u>				
October, 1960	41,291,115	12,588,188	1,503,743	44,326
Year to date, 1960	361,926,608	98,336,690	13,014,634	473,958
October, 1959	27,837,505	7,092,790	1,091,381	52,429
Year to date, 1959	246,679,496	57,473,778	11,772,230	466,757
<u>Gross deliveries - MCF*</u>				
October, 1960	40,661,778	12,474,580	1,493,343	44,326
Year to date, 1960	357,094,687	98,483,171	12,923,335	473,958
October, 1959	27,108,410	7,091,503	1,030,815	52,429
Year to date, 1959	243,491,436	57,005,292	11,614,337	466,757
<u>Operating revenues</u>				
1st quarter, 1960	\$ 25,996,622	1,352,975	758,129	94,569
2nd quarter, 1960	\$ 21,643,294	1,061,209	581,753	59,160
3rd quarter, 1960	\$ 20,431,152	1,737,253	442,014	50,322
4th quarter, 1960	\$			
Total to date	\$ 68,071,068	4,151,437	1,781,896	204,051
1st quarter, 1959	\$ 19,009,743	793,383	687,394	94,589
2nd quarter, 1959	\$ 15,424,955	646,978	541,331	54,429
3rd quarter, 1959	\$ 13,600,064	598,925	314,783	46,325
4th quarter, 1959	\$ 21,089,603	1,233,433	568,203	80,807
Total to date	\$ 69,124,365	3,272,719	2,111,711	276,150

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

OPERATING STATISTICS BY COMPANY

October, 1960

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	Niagara Gas Transmission Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
8,382 16,210	10,766 9,939	1,663 2,768	42,735 37,864	3,935 2,989	60,518 69,364	3,309 3,035	9,549 9,721	386,285 310,982	292,532 294,206
14,968 6,915	9,526 6,600	2,470 2,782	38,382 30,948	- -	57,751 65,012	3,185 3,095	11,075 9,887	210,749 183,332	238,416 229,594
9,360 15,788	12,482 10,905	2,140 3,035	44,407 43,535	4,262 -	160,614 108,771	4,587 4,135	10,241 11,541	531,535 280,560	326,953 257,999
41,918 2,139,747	326,840 3,280,946	51,041 811,131	1,316,210 11,584,885	121,982 911,779	3,353,614 38,078,474	98,443 936,125	294,278 2,923,811	12,416,156 98,019,847	9,134,376 91,414,581
464,010 2,102,171	295,517 1,980,090	73,146 838,889	1,194,235 9,460,306	- -	2,624,551 30,849,335	98,727 941,061	336,259 2,964,444	7,064,538 57,163,514	7,449,922 70,666,921
41,910 2,139,713	333,751 3,331,432	51,458 819,338	1,324,795 11,548,538	121,982 911,779	3,333,714 37,990,159	102,567 925,801	296,015 2,965,133	11,974,839 94,849,450	9,068,498 89,732,880
464,010 2,102,214	295,296 2,006,239	76,568 845,742	1,189,826 9,408,354	- -	2,541,797 30,570,149	98,727 941,061	343,324 3,005,830	6,533,226 55,728,929	7,390,889 69,796,532
918 132 -	19,875 23,019 19,004	11,042 8,253 6,173	55,654 46,601 48,470	6,000 6,000 6,000	4,538,655 2,252,653 1,644,348	83,468 49,119 47,736	70,185 59,540 59,269	12,137,695 10,858,803 9,975,649	6,867,457 6,637,052 6,394,914
1,050 349 180 296 756 1,581	61,898 13,906 15,657 12,688 21,802 64,053	25,468 12,282 9,295 11,026 10,482 43,085	150,725 57,571 48,108 44,827 60,734 211,240	18,000 - - - n.a. n.a.	8,435,656 3,647,890 2,209,187 1,600,890 3,195,623 10,653,590	180,323 93,400 54,351 45,751 75,441 268,943	188,994 64,793 53,539 53,355 66,239 237,926	32,972,147 7,376,707 6,351,180 5,985,343 9,875,698 29,588,928	19,899,423 6,167,479 5,440,720 4,885,855 5,900,385 22,394,439

TABLE 3

NATURAL GAS TRANSMISSION BY MONTH

January to October, 1960

MCF*

	Year to date		January	February	March
	1960	1959			
<u>Natural gas received into system</u>					
From own gathering system	82,837,173	63,969,499	8,630,074	8,136,012	8,963,748
From other gathering systems	146,805,520	100,619,251	17,796,715	16,401,484	17,565,867
From foreign transmission lines	5,476,580	11,634,172	-	-	-
Total net receipts	235,119,273	176,222,922	26,426,789	24,537,496	26,529,615
From Canadian transmission lines	113,946,341	57,419,091	12,811,569	11,762,731	12,291,925
From storage	6,814,526	8,252,164	2,067,570	2,190,235	2,350,610
From distribution systems	6,046,468	4,785,319	9,565	27,787	115,097
Total gross receipts	361,926,608	246,679,496	41,315,493	38,518,249	41,287,247
<u>Natural gas delivered out of system</u>					
To distribution systems	136,062,472	104,358,500	18,648,586	17,264,267	18,711,126
To foreign transmission lines	86,270,824	68,401,987	8,473,024	8,201,864	8,544,915
To industrial consumers	59,925	65,897	-	13,528	11,275
To others	925	1,135	165	146	206
Total net deliveries	222,394,146	172,827,317	27,121,775	25,479,805	27,267,522
To Canadian transmission lines	113,946,341	57,419,091	12,811,569	11,762,731	12,291,925
To storage	16,834,285	10,806,432	-	-	-
Redelivered to distribution systems	3,919,915	2,438,596	811,509	1,008,672	1,105,127
Total gross deliveries	357,094,687	243,491,436	40,744,853	38,521,208	40,664,574
Pipeline fuel	3,387,855	1,693,175	377,140	357,486	371,108
Pipeline losses and metering differences	1,199,561	1,378,031	176,294	60,969	132,024
Line pack fluctuations	244,505	116,854	17,206	-151,414	119,541
Total disposition of receipts	361,926,608	246,679,496	41,315,493	38,518,249	41,287,247

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

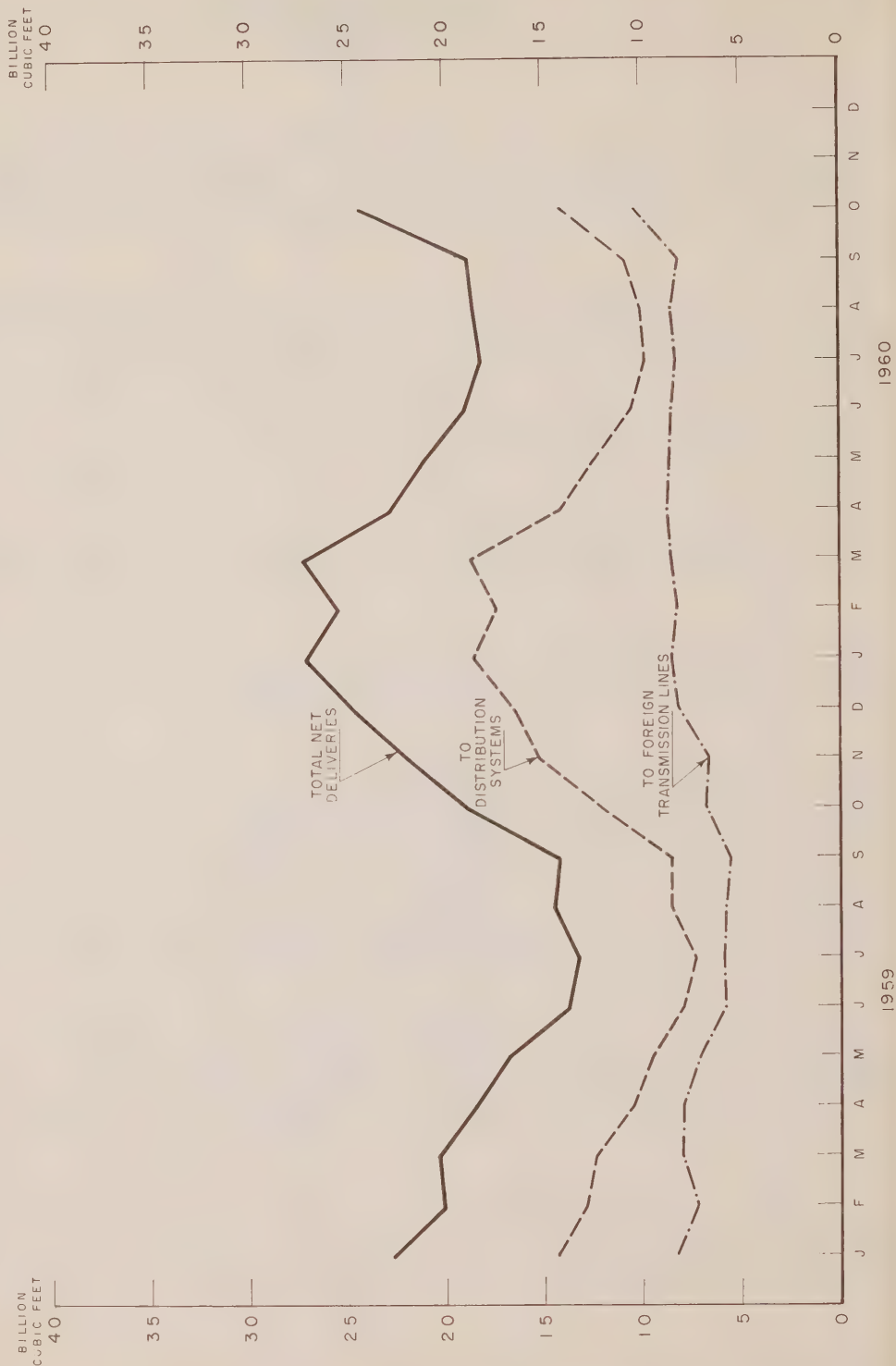
NATURAL GAS TRANSMISSION BY MONTH

January to October, 1960

MCF*

April	May	June	July	August	September	October	November	December
8,492,900	8,557,755	7,832,072	7,551,472	8,073,525	8,100,732	8,498,883		
14,582,286	13,657,983	12,631,389	12,186,867	11,609,828	13,056,712	17,316,389		
735,185	824,945	806,865	838,843	824,972	808,117	637,653		
23,810,371	23,040,683	21,270,326	20,577,182	20,508,325	21,965,561	26,452,925		
11,075,347	11,054,915	10,364,817	9,980,914	8,628,085	11,331,976	14,644,062		
133,505	-	460	-	-	-	72,146		
671,769	1,374,136	1,459,246	1,627,407	527,201	112,278	121,982		
35,690,992	35,469,734	33,094,849	32,185,503	29,663,611	33,409,815	41,291,115		
14,062,486	12,398,198	10,486,626	9,767,581	9,976,836	10,687,343	14,059,423		
8,717,725	8,652,816	8,460,935	8,324,211	8,538,333	8,130,321	10,226,680		
165	617	352	570	22,481	8,503	2,434		
116	77	44	28	41	47	55		
22,780,492	21,051,708	18,947,957	18,092,390	18,537,691	18,826,214	24,288,592		
11,075,347	11,054,915	10,364,817	9,980,914	8,628,085	11,331,976	14,644,062		
1,325,749	2,783,535	3,424,649	3,736,929	1,902,659	2,203,095	1,457,669		
196,342	107,577	91,457	113,069	102,429	112,278	271,455		
35,377,930	34,997,735	32,828,880	31,923,302	29,170,864	32,473,563	40,661,778		
313,968	314,218	297,322	341,725	295,278	307,910	411,700		
145,767	139,989	86,582	144,303	123,466	146,715	43,452		
-146,673	17,792	-117,935	-223,827	74,003	481,627	174,185		
35,690,992	35,469,734	33,094,849	32,185,503	29,663,611	33,409,815	41,291,115		

NET DELIVERIES OF NATURAL GAS BY TRANSMISSION LINES 1959 — 1960





DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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GAS PIPE LINE TRANSPORT

November, 1960.

The Gas Pipe Line Transport Industry is defined as that industry which is engaged in the transportation of natural gas, by pipe line, from natural gas fields or processing plants to local distribution systems. Companies included in this industry obtain the bulk of their revenue from the sale of gas to distribution companies for resale. Those companies that derive most of their revenue from the sale of gas to final consumers are classified as being in the Gas Distribution Industry.

In keeping with this definition four companies which were previously included in this statistical series have now been removed, and are included instead in the gas distribution series. These companies are: Ajax Alberta Pipeline Limited, Cold Lake Pipe Line Company Limited, Cretaceous Pipelines Limited and North Canadian Oils Limited.

Sales of gas by distribution utilities are issued monthly in the report, "Sales of Manufactured and Natural Gas". An annual report of gas utilities engaged primarily in the distribution of gas will be issued shortly encompassing their total operations.

Niagara Gas Transmission Limited which commenced operating in the latter part of 1959 is now included in this report.

Duplications in the statistics have occurred as a result of gas being obtained by pipe line transport companies from certain distribution companies, which had in turn originally received the gas from a pipe line transport company. These duplications have now been removed and are shown as separate items.

Revisions resulting from the above changes have been incorporated in this report for previous months of 1960. Revisions for 1959 will be included in an annual report which will be released shortly.

Net deliveries of natural gas through Canadian pipe lines totalled 30,992,998 MCF in November 1960, up 41.7 per cent from the total of 21,879,783 in November, 1959. Daily average sendout was 1,033,100 MCF compared with 729,326.

For the eleven months ended November 30, 1960 net deliveries increased 30.1 per cent to 253,387,144 MCF, from 194,707,100 in the same period last year, and daily average sendout was 756,380 MCF compared with 582,955. Deliveries to distribution systems increased 29.6 per cent to 154,969,955 MCF from 119,577,279 while exports to the United States increased 31.1 per cent to 98,338,888 from 75,034,237.

Prepared in the Public Utilities Section,
Public Finance and Transportation Division.

8506-503-110

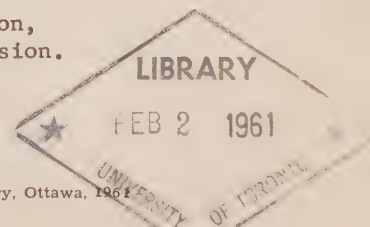


TABLE 1

NATURAL GAS TRANSMISSION BY COMPANY

November, 1960.

MCF*

	Total November, 1959	Total November, 1960	Alberta Gas Trunk Line Co. Ltd.	Canadian - Montana Pipe Line Co.	Grande Prairie Trans- mission Co. Ltd.
<u>Natural gas received into system</u>					
From own gathering systems	7,349,545	8,685,009	-	-	74,128
From other gathering systems	14,639,571	21,178,120	15,468,522	1,568,660	-
From foreign transmission lines	-	-	-	-	-
Total net receipts (1)	21,989,116	29,863,129	XXX	XXX	XXX
From Canadian transmission lines	10,986,991	16,168,769	-	-	-
From storage	743,069	1,658,836	-	-	-
From distribution systems	-	113,499	-	-	-
Total gross receipts	33,719,176	47,804,233	15,468,522	1,568,660	74,128
<u>Natural gas delivered out of system</u>					
To distribution systems	15,218,981	18,907,483	123,060	-	74,128
To foreign transmission lines	6,632,250	12,068,064	-	1,564,200	-
To industrial consumers	28,382	17,309	17,309	-	-
To others	170	142	-	142	-
Total net deliveries (1)	21,879,783	30,992,998	XXX	XXX	XXX
To Canadian transmission lines	10,986,991	16,168,769	15,380,501	-	-
To storage	5,828	16,137	-	-	-
Redelivered to distribution systems	341,287	404,849	-	-	-
Total gross deliveries	33,213,889	47,582,753	15,520,870	1,564,342	74,128
Pipeline fuel	291,600	483,271	1,773	-	-
Pipeline losses and metering differences	87,846	57,800	- 10,411	4,135	-
Line pack fluctuations	125,841	- 319,591	- 43,710	183	-
Total disposition of receipts	33,719,176	47,804,233	15,468,522	1,568,660	74,128

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

(1) Not applicable to individual companies.

NATURAL GAS TRANSMISSION BY COMPANY

November, 1960

MCF*

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	Niagara Gas Transmission Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
-	359,276	-	1,440,565	-	-	63,177	303,582	-	6,444,281
661,332	-	56,437	-	-	646,367	70,191	-	-	2,706,611
-	-	-	-	-	-	-	-	-	-
XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
-	-	-	-	-	788,268	-	-	15,380,501	-
-	-	-	-	-	1,658,836	-	-	-	-
-	-	-	-	113,499	-	-	-	-	-
661,332	359,276	56,437	1,440,565	113,499	3,093,471	133,368	303,582	15,380,501	9,150,892
661,348	368,807	56,294	1,455,680	-	2,781,808	133,013	306,546	10,088,237	2,858,562
-	-	-	-	-	-	-	-	4,444,713	6,059,151
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
-	-	-	-	-	-	-	-	788,268	-
-	-	-	-	-	16,137	-	-	-	-
-	-	-	-	113,499	291,350	-	-	-	-
661,348	368,807	56,294	1,455,680	113,499	3,089,295	133,013	306,546	15,321,218	8,917,713
-	-	-	-	-	6,412	-	-	301,563	173,523
-	- 9,531	143	- 15,115	-	- 2,236	355	- 2,998	72,843	20,615
- 16	-	-	-	-	-	-	34	- 315,123	39,041
661,332	359,276	56,437	1,440,565	113,499	3,093,471	133,368	303,582	15,380,501	9,150,892

TABLE 2

OPERATING STATISTICS BY COMPANY

November, 1960.

	Canada	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Grande Prairie Trans- mission Co. Ltd.
<u>MCF* Sendout - daily average</u>				
November, 1960	1,033,100	517,362	52,145	2,471
Year to date, 1960	756,380	340,311	43,247	1,636
November, 1959	729,326	325,193	41,520	2,528
Year to date, 1959	582,955	199,883	38,503	1,625
<u>MCF* Sendout on peak day of month</u>				
November, 1960	XXX	551,441	54,622	3,786
November, 1959	XXX	403,228	53,728	4,176
<u>Gross receipts - MCF*</u>				
November, 1960	47,804,233	15,468,522	1,568,660	74,128
Year to date, 1960	409,730,841	113,805,212	14,583,294	548,086
November, 1959	33,719,176	9,695,641	1,292,353	75,862
Year to date, 1959	280,398,672	67,169,419	13,064,583	542,619
<u>Gross deliveries - MCF*</u>				
November, 1960	47,582,753	15,520,870	1,564,342	74,128
Year to date, 1960	404,677,440	114,004,041	14,437,677	548,086
November, 1959	33,213,889	9,755,816	1,245,592	75,862
Year to date, 1959	276,705,325	66,761,108	12,859,929	542,619
<u>Operating revenues</u>				
1st quarter, 1960	\$ 25,996,622	1,352,975	758,129	94,569
2nd quarter, 1960	\$ 21,643,294	1,061,209	581,753	59,160
3rd quarter, 1960	\$ 20,431,152	1,737,253	442,014	50,322
4th quarter, 1960	\$			
Total to date	\$ 68,071,068	4,151,437	1,781,896	204,051
1st quarter, 1959	\$ 19,009,743	793,383	637,394	94,589
2nd quarter, 1959	\$ 15,424,955	646,978	541,331	54,429
3rd quarter, 1959	\$ 13,600,064	598,925	314,783	46,325
4th quarter, 1959	\$ 21,089,603	1,233,433	568,203	80,807
Total to date	\$ 69,124,365	3,272,719	2,111,711	276,150

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

OPERATING STATISTICS BY COMPANY

November, 1960.

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	Niagara Gas Transmission Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
22,045	12,294	1,876	48,523	3,783	102,439	4,434	10,218	510,707	297,257
17,291	11,045	2,636	38,819	3,061	72,325	3,161	9,766	328,868	294,479
17,091	10,593	1,964	39,506	-	92,730	4,100	11,207	308,324	252,179
7,828	6,958	2,708	31,717	-	67,502	3,186	10,006	194,559	231,622
40,456	14,119	2,147	50,863	6,462	215,227	6,490	10,567	573,362	326,560
17,117	11,658	2,290	46,680	-	191,774	6,057	11,584	330,040	273,732
661,332	359,276	56,437	1,440,565	113,499	3,093,471	133,368	303,582	15,380,501	9,150,892
2,801,079	3,640,222	867,568	13,025,450	1,025,278	41,171,945	1,069,493	3,227,393	113,400,348	100,565,473
512,725	314,651	56,825	1,192,714	-	2,800,812	123,005	330,671	9,611,152	7,712,765
2,614,896	2,294,741	895,714	10,653,020	-	33,650,147	1,064,066	3,295,115	66,774,666	78,379,686
661,348	363,807	56,294	1,455,680	113,499	3,089,295	133,013	306,546	15,321,218	8,917,713
2,801,061	3,700,239	875,632	13,004,218	1,025,278	41,079,454	1,058,814	3,271,679	110,170,668	98,650,593
512,725	317,792	58,920	1,185,189	-	2,787,715	123,005	336,197	9,249,718	7,565,358
2,614,939	2,324,031	904,652	10,593,543	-	33,357,864	1,064,066	3,342,027	64,978,647	77,361,890
918	19,875	11,042	55,654	6,000	4,538,655	83,468	70,185	12,137,695	6,867,457
132	23,019	8,253	46,601	6,000	2,252,653	49,119	59,540	10,858,803	6,637,052
-	19,004	6,173	48,470	6,000	1,644,348	47,736	59,269	9,975,649	6,394,914
1,050	61,898	25,468	150,725	18,000	8,435,656	180,323	188,994	32,972,147	19,899,423
349	13,906	12,282	57,571	-	3,647,890	93,400	64,793	7,376,707	6,167,479
180	15,657	9,295	48,108	-	2,209,187	54,351	53,539	6,351,180	5,440,720
296	12,688	11,026	44,827	-	1,600,890	45,751	53,355	5,985,343	4,885,855
756	21,302	10,482	60,734	n.a.	3,195,623	75,441	66,239	9,875,698	5,900,385
1,581	64,053	43,085	211,240	n.a.	10,653,590	268,943	237,926	29,588,928	22,394,439

November, 1960

TABLE 3

NATURAL GAS TRANSMISSION BY MONTH

MCF*

	Year to date		January	February	March
	1960	1959			
<u>Natural gas received into system</u>					
From own gathering system	91,522,182	71,319,044	8,630,074	8,136,012	8,963,748
From other gathering systems	167,983,640	115,258,822	17,796,715	16,401,484	17,565,867
From foreign transmission lines	5,476,580	11,634,172	-	-	-
Total net receipts	264,982,402	198,212,038	26,426,789	24,537,496	26,529,615
From Canadian transmission lines	130,115,110	68,406,082	12,811,569	11,762,731	12,291,925
From storage	8,473,362	8,995,233	2,067,570	2,190,235	2,350,610
From distribution systems	6,159,967	4,785,319	9,565	27,787	115,097
Total gross receipts	409,730,841	280,398,672	41,315,493	38,518,249	41,287,247
<u>Natural gas delivered out of system</u>					
To distribution systems	154,969,955	119,577,279	18,648,586	17,264,267	18,711,126
To foreign transmission lines	98,338,888	75,034,237	8,473,024	8,201,864	8,544,915
To industrial consumers	77,234	94,279	-	13,528	11,275
To others	1,067	1,305	165	146	206
Total net deliveries	253,387,144	194,707,100	27,121,775	25,479,805	27,267,522
To Canadian transmission lines	130,115,110	68,406,082	12,811,569	11,762,731	12,291,925
To storage	16,850,422	10,812,260	-	-	-
Redelivered to distribution systems	4,324,764	2,779,883	811,509	1,008,672	1,105,127
Total gross deliveries	404,677,440	276,705,325	40,744,853	38,251,208	40,664,574
Pipeline fuel	3,871,126	1,984,775	377,140	357,486	371,108
Pipeline losses and metering differences	1,257,361	1,465,877	176,294	60,969	132,024
Line pack fluctuations	- 75,086	242,695	17,206	-151,414	119,541
Total disposition of receipts	409,730,841	280,398,672	41,315,493	38,518,249	41,287,247

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

November, 1960
NATURAL GAS TRANSMISSION BY MONTH

MCF*

April	May	June	July	August	September	October	November	December
8,492,900	8,557,755	7,832,072	7,551,472	8,073,525	8,100,732	8,498,883	8,685,009	
14,582,286	13,657,983	12,631,389	12,186,867	11,609,828	13,056,712	17,316,389	21,178,120	
735,185	824,945	806,865	838,843	824,972	808,117	637,653	-	
23,810,371	23,040,683	21,270,326	20,577,182	20,508,325	21,965,561	26,452,925	29,863,129	
11,075,347	11,054,915	10,364,817	9,980,914	8,628,085	11,331,976	14,644,062	16,168,769	
133,505	-	460	-	-	-	72,146	1,658,836	
671,769	1,374,136	1,459,246	1,627,407	527,201	112,278	121,982	113,499	
35,690,992	35,469,734	33,094,849	32,185,503	29,663,611	33,409,815	41,291,115	47,804,233	
14,062,486	12,398,198	10,486,626	9,767,581	9,976,836	10,687,343	14,059,423	18,907,483	
8,717,725	8,652,816	8,460,935	8,324,211	8,538,333	8,130,321	10,226,680	12,068,064	
165	617	352	570	22,481	8,503	2,434	17,309	
116	77	44	28	41	47	55	142	
22,780,492	21,051,708	18,947,957	18,092,390	18,537,691	18,826,214	24,288,592	30,992,998	
11,075,347	11,054,915	10,364,817	9,980,914	8,628,085	11,331,976	14,644,062	16,168,769	
1,325,749	2,783,535	3,424,649	3,736,929	1,902,659	2,203,095	1,457,669	16,137	
196,342	107,577	91,457	113,069	102,429	112,278	271,455	404,849	
35,377,930	34,997,735	32,828,880	31,923,302	29,170,864	32,473,563	40,661,778	47,582,753	
313,968	314,218	297,322	341,725	295,278	307,910	411,700	483,271	
145,767	139,989	86,582	144,303	123,466	146,715	43,452	57,800	
-146,673	17,792	-117,935	-223,827	74,003	481,627	174,185	-319,591	
35,690,992	35,469,734	33,094,849	32,185,503	29,663,611	33,409,815	41,291,115	47,804,233	

NET DELIVERIES OF NATURAL GAS BY TRANSMISSION LINES 1959 — 1960





DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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GAS PIPE LINE TRANSPORT

December, 1960

The Gas Pipe Line Transport Industry is defined as that industry which is engaged in the transportation of natural gas, by pipe line, from natural gas fields or processing plants to local distribution systems. Companies included in this industry obtain the bulk of their revenue from the sale of gas to distribution companies for resale. Those companies that derive most of their revenue from the sale of gas to final consumers are classified as being in the Gas Distribution Industry.

During 1960 Canadian transmission lines increased their net deliveries of natural gas by 32.8 per cent to a total of 291,161,190 MCF from 219,279,021. Deliveries to distribution systems increased 31.3 per cent and deliveries to foreign transmission lines 35.2 per cent. Much of the increase in deliveries to foreign transmission lines took place in the month of October, November and December when Trans-Canada Pipe Lines Limited commenced delivery to the mid-western United States.

Deliveries averaged 795,522 MCF per day in 1960 compared with 600,764 in 1959. Trans-Canada Pipe Lines Limited accounted for 44.0 per cent of the deliveries and Westcoast Transmission Company Limited 37.3 per cent.

Receipts of natural gas were mainly from domestic sources, only 1.8 per cent being imported. Imports were down to 5,476,580 MCF from the previous year's total of 11,634,172 while gas received from gathering systems increased to 295,859,139 MCF from 210,967,454.

Gas used for pipeline fuel almost doubled, rising to 4,420,672 MCF from 2,315,829 MCF.

Operating revenues increased 41.9 per cent to \$98,083,659 from \$69,124,365.

In December, 1960 net deliveries of natural gas through Canadian pipe lines totalled 37,774,046 MCF, up 53.7 per cent from the total of 24,571,921 in December, 1959. Daily average sendout was 1,218,518 MCF compared with 792,643.

Prepared in the Public Utilities Section,
Public Finance and Transportation Division.

8506-503-120

TABLE 1

NATURAL GAS TRANSMISSION BY COMPANY

December, 1960

MCF*

	Total December, 1959	Total December, 1960	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Grande Prairie Transmission Co. Ltd.
<u>Natural gas received into system</u>					
From own gathering systems	8,214,130	9,833,331	-	-	84,574
From other gathering systems	16,175,458	26,519,986	18,561,073	1,624,745	-
From foreign transmission lines	-	-	-	-	-
Total net receipts ⁽¹⁾	24,389,588	36,353,317	xxx	xxx	xxx
From Canadian transmission lines	12,111,918	18,772,115	-	-	-
From storage	1,191,495	4,172,788	-	-	-
From distribution systems	6,628	132,156	-	-	-
Total gross receipts	37,699,629	59,430,376	18,561,073	1,624,745	84,574
<u>Natural gas delivered out of system</u>					
To distribution systems	16,424,686	23,603,887	132,305	-	84,574
To foreign transmission lines	8,141,364	14,141,872	-	1,622,831	-
To industrial consumers	5,692	28,144	28,144	-	-
To others	179	143	-	143	-
Total net deliveries (1)	24,571,921	37,774,046	xxx	xxx	xxx
To Canadian transmission lines	12,111,918	18,772,115	18,387,813	-	-
To storage	-	-	-	-	-
Redelivered to distribution systems	410,397	1,949,593	-	-	-
Total gross deliveries	37,094,236	58,495,754	18,548,262	1,622,974	84,574
Pipeline fuel	331,054	549,546	2,073	-	-
Pipeline losses and metering differences	88,828	324,671	-68,269	1,675	-
Line pack fluctuations	185,511	60,405	79,007	96	-
Total disposition of receipts	37,699,629	59,430,376	18,561,073	1,624,745	84,574

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

(1) Not applicable to individual companies.

NATURAL GAS TRANSMISSION BY COMPANY

December, 1960

MCF*

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	Niagara Gas Transmission Co. Ltd.	Ontario Natural Gas Storage and Pipe- lines Ltd.	Peace River Trans- mission Co. Ltd.	South Albërta Pipe Lines Ltd.	Trans- Canada Pipe Lines Ltd.	West- coast Trans- mission Co. Ltd.
-	395,351	-	1,431,190	-	-	59,021	309,892	-	7,553,303
913,084	-	70,671	-	-	2,612,360	95,145	-	-	2,642,908
-	-	-	-	-	-	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	-	-	82,828	-	-	18,689,287	-
-	-	-	-	-	4,172,788	-	-	-	-
-	-	-	-	132,156	-	-	-	-	-
913,084	395,351	70,671	1,431,190	132,156	6,867,976	154,166	309,892	18,689,287	10,196,211
913,092	397,520	70,319	1,451,335	-	4,714,906	151,235	308,437	12,115,642	3,264,522
-	-	-	-	-	-	-	-	5,834,364	6,684,677
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	-	-	301,474	-	-	82,828	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	132,156	1,817,437	-	-	-	-
913,092	397,520	70,319	1,451,335	132,156	6,833,817	151,235	308,437	18,032,834	9,949,199
-	-	-	-	-	10,679	-	-	332,372	204,422
-	-	352	-20,145	-	23,480	2,931	1,477	(2) 399,351	-16,181
-8	-2,169	-	-	-	-	-	-22	-75,270	58,771
913,084	395,351	70,671	1,431,190	132,156	6,867,976	154,166	309,892	18,689,287	10,196,211

(2) Includes 230,446 MCF used in construction and 4,938 MCF used in drips and blowdowns.

TABLE 2

OPERATING STATISTICS BY COMPANY

December, 1960

	Canada	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Grande Prairie Trans- mission Co. Ltd.
<u>MCF* Sendout - daily average</u>				
December, 1960	1,218,518	598,331	52,354	2,728
Year to date, 1960	795,522	362,165	44,018	1,729
December, 1959	792,643	346,374	52,250	2,398
Year to date, 1959	600,764	212,326	39,670	1,690
<u>MCF* Sendout on peak day of month</u>				
December, 1960	xxx	637,375	56,625	4,062
December, 1959	xxx	388,262	60,259	2,928
<u>Gross receipts - MCF*</u>				
December, 1960	59,430,376	18,561,073	1,624,745	84,574
Year to date, 1960	469,161,217	132,366,285	16,208,039	632,660
December, 1959	37,699,629	10,796,151	1,641,298	74,336
Year to date, 1959	318,098,301	77,965,570	14,705,881	616,955
<u>Gross deliveries - MCF*</u>				
December, 1960	58,495,754	18,548,262	1,622,974	84,574
Year to date, 1960	463,173,194	132,552,303	16,110,651	632,660
December, 1959	37,094,236	10,737,592	1,619,739	74,336
Year to date, 1959	313,799,561	77,498,700	14,479,668	616,955
<u>Operating revenues</u>				
1st quarter, 1960	\$ 25,996,622	1,352,975	758,129	94,569
2nd quarter, 1960	\$ 21,643,294	1,061,209	581,753	59,160
3rd quarter, 1960	\$ 20,431,152	1,737,253	442,014	50,322
4th quarter, 1960	\$ 30,012,591	1,785,869	726,913	82,036
Total to date	\$ 98,083,659	5,937,306	2,508,809	286,087
1st quarter, 1959	\$ 19,009,743	793,383	687,394	94,589
2nd quarter, 1959	\$ 15,424,955	646,978	541,331	54,429
3rd quarter, 1959	\$ 13,600,064	598,925	314,783	46,325
4th quarter, 1959	\$ 21,089,603	1,233,433	568,203	80,807
Total to date	\$ 69,124,365	3,272,719	2,111,711	276,150

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

OPERATING STATISTICS BY COMPANY

December, 1960

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	Niagara Gas Transmission Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
29,455 19,244	12,823 11,196	2,268 2,650	46,817 39,496	4,263 3,162	220,446 84,871	4,879 3,306	9,950 9,782	581,704 350,283	320,942 296,721
16,976 8,606	8,696 7,106	3,613 2,785	29,080 31,494	214 214	102,558 70,479	4,176 3,270	11,216 10,109	330,816 197,911	288,221 236,430
37,224 17,551	14,296 10,468	2,572 4,312	52,297 35,344	4,784 -	363,136 188,628	6,836 5,171	10,450 11,377	639,073 359,212	352,966 313,438
913,084 3,714,163	395,351 4,035,573	70,671 938,239	1,431,190 14,456,640	132,156 1,157,434	6,867,976 48,039,921	154,166 1,223,659	309,892 3,537,285	18,689,287 132,089,635	10,196,211 110,761,684
526,257 3,141,153	273,050 2,567,731	110,568 1,006,202	909,577 11,562,597	6,628 6,628	3,228,748 36,878,895	129,456 1,193,523	341,937 3,637,053	10,690,796 77,465,461	8,970,827 87,350,512
913,092 3,714,153	397,520 4,097,759	70,319 945,951	1,451,335 14,455,553	132,156 1,157,434	6,833,817 47,913,271	151,235 1,210,049	308,437 3,580,116	18,032,834 128,203,502	9,949,199 108,599,792
526,257 3,141,196	269,570 2,593,601	112,000 1,016,662	901,494 11,495,037	6,628 6,628	3,179,300 36,537,164	129,456 1,193,523	347,708 3,689,734	10,255,304 75,233,951	8,934,852 86,296,742
918 132 - 813 1,863 349 180 296 756 1,581	19,875 23,019 19,004 (8,518) 53,380 13,906 15,657 12,688 21,802 64,053	11,042 8,253 6,173 24,103 49,571 12,282 9,295 11,026 10,482 43,085	55,654 46,601 48,470 36,779 187,504 57,571 48,108 44,827 60,734 211,240	6,000 6,000 6,000 6,000 24,000 - - - n. a. n. a.	4,538,655 2,252,653 1,644,348 3,680,802 12,116,458 3,647,890 2,209,187 1,600,890 3,195,623 10,653,590	83,468 49,119 47,736 80,927 261,250 93,400 54,351 45,751 75,441 268,943	70,185 59,540 59,269 64,514 253,508 64,793 53,539 53,355 66,239 237,926	12,137,695 10,858,803 9,975,649 16,184,359 49,156,506 7,376,707 6,351,180 5,985,343 9,875,698 29,588,928	6,867,457 6,637,052 6,394,914 7,347,994 27,247,417 6,167,479 5,440,720 4,885,855 5,900,385 22,394,439

TABLE 3

NATURAL GAS TRANSMISSION BY MONTH

December, 1960

MCF*

	Year to date		January	February	March
	1960	1959			
<u>Natural gas received into system</u>					
From own gathering system	101,355,513	79,533,174	8,630,074	8,136,012	8,963,748
From other gathering systems	194,503,626	131,434,280	17,796,715	16,401,484	17,565,867
From foreign transmission lines	5,476,580	11,634,172	-	-	-
Total net receipts	301,335,719	222,601,626	26,426,789	24,537,496	26,529,615
From Canadian transmission lines	148,887,225	80,518,000	12,811,569	11,762,731	12,291,925
From storage	12,646,150	10,186,728	2,067,570	2,190,235	2,350,610
From distribution systems	6,292,123	4,791,947	9,565	27,787	115,097
Total gross receipts	469,161,217	318,098,301	41,315,493	38,518,249	41,287,247
<u>Natural gas delivered out of system</u>					
To distribution systems	178,573,842	136,001,965	18,648,586	17,264,267	18,711,126
To foreign transmission lines	112,480,760	83,175,601	8,473,024	8,201,864	8,544,915
To industrial consumers	105,378	99,971	-	13,528	11,275
To others	1,210	1,484	165	146	206
Total net deliveries	291,161,190	219,279,021	27,121,775	25,479,805	27,267,522
To Canadian transmission-lines	148,887,225	80,518,000	12,811,569	11,762,731	12,291,925
To storage	16,850,422	10,812,260	-	-	-
Redelivered to distribution systems	6,274,357	3,190,280	811,509	1,008,672	1,105,127
Total gross deliveries	463,173,194	313,799,561	40,744,853	38,251,208	40,664,574
Pipeline fuel	4,420,672	2,315,829	377,140	357,486	371,108
Pipeline losses and metering differences	1,582,032	1,554,705	176,294	60,969	132,024
Line pack fluctuations	-14,681	428,206	17,206	-151,414	119,541
Total disposition of receipts	469,161,217	318,098,301	41,315,493	38,518,249	41,287,247

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60 F. and 1,000 B.T.U.

NATURAL GAS TRANSMISSION BY MONTH

December, 1960

MCF*

April	May	June	July	August	September	October	November	December
8,492,900	8,557,755	7,832,072	7,551,472	8,073,525	8,100,732	8,498,883	8,685,009	9,833,331
14,582,286	13,657,983	12,631,389	12,186,867	11,609,828	13,056,712	17,316,389	21,178,120	26,519,986
735,185	824,945	806,865	838,843	824,972	808,117	637,653	-	-
23,810,371	23,040,683	21,270,326	20,577,182	20,508,325	21,965,561	26,452,925	29,863,129	36,353,317
11,075,347	11,054,915	10,364,817	9,980,914	8,628,085	11,331,976	14,644,062	16,168,769	18,772,115
133,505	-	460	-	-	-	72,146	1,658,836	4,172,788
671,769	1,374,136	1,459,246	1,627,407	527,201	112,278	121,982	113,499	132,156
35,690,992	35,469,734	33,094,849	32,185,503	29,663,611	33,409,815	41,291,115	47,804,233	59,430,376
14,062,486	12,398,198	10,486,626	9,767,581	9,976,836	10,687,343	14,059,423	18,907,483	23,603,887
8,717,725	8,652,816	8,460,935	8,324,211	8,538,333	8,130,321	10,226,680	12,068,064	14,141,872
165	617	352	570	22,481	8,503	2,434	17,309	28,144
116	77	44	28	41	47	55	142	143
22,780,492	21,051,708	18,947,957	18,092,390	18,537,691	18,826,214	24,288,592	30,992,998	37,774,046
11,075,347	11,054,915	10,364,817	9,980,914	8,628,085	11,331,976	14,644,062	16,168,769	18,772,115
1,325,749	2,783,535	3,424,649	3,736,929	1,902,659	2,203,095	1,457,669	16,137	-
196,342	107,577	91,457	113,069	102,429	112,278	271,455	404,849	1,949,593
35,377,930	34,997,735	32,828,880	31,923,302	29,170,864	32,473,563	40,661,778	47,582,753	58,495,754
313,968	314,218	297,322	341,725	295,278	307,910	411,700	483,271	549,546
145,767	139,989	86,582	144,303	123,466	146,715	43,452	57,800	324,671
-146,673	17,792	-117,935	-223,827	74,003	481,627	174,185	-319,591	60,405
35,690,992	35,469,734	33,094,849	32,185,503	29,663,611	33,409,815	41,291,115	47,804,233	59,430,376

NET DELIVERIES OF NATURAL GAS BY TRANSMISSION LINES 1959 — 1960





Canada.
(DOMINION) BUREAU OF STATISTICS

OTTAWA - CANADA

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GAS PIPE LINE TRANSPORT

JANUARY, 1961

Gas pipe line transport companies increased their total net deliveries of natural gas 46.5 per cent, to a record high level of 39,700,000 Mcf. or an average of 1,281,285 Mcf. per day. Exports increased 76.5 per cent to 15,000,000 Mcf. from 8,500,000 in January, 1960. The sales for the twelve month period ending January 31, 1961 were 304 billion Mcf.

Alberta accounted for the highest provincial receipts, 74.0 per cent, while the greater share of deliveries, 53.5 per cent, were made in Ontario.

Total Mcf. miles (not including Alberta Gas Trunk Line Co. Ltd. and Ontario Natural Gas Storage and Pipelines Ltd., calculations of which are not available due to the complexity of their operation) amounted to 31.7 billion or 723 million ton miles.

Total pipeline fuel amounted to 937,800 Mcf. during January while the line pack increased by 126,349 Mcf.

Peak day deliveries, uncompensated(1), amounted to 1,607,348 Mcf. while minimum deliveries of 1,135,741 Mcf. were some 29.3 per cent less. Load factor for the industry was 79.7 per cent.

Duplications in the statistics have occurred as a result of gas being obtained by pipe line transport companies from certain distribution companies, which had in turn originally received the gas from a pipe line transport company. These items are shown separately as "Transfers from Canadian transmission systems" and "Returned to transmission systems for re-delivery".

Gas volumes in this report are given in thousand cubic feet at 14.73 pounds per square inch absolute, 60°F. and 1,000 British thermal units.

The Gas Pipe Line Transport Industry is defined as that industry which is engaged in the transportation of natural gas, by pipe line, from natural gas fields or processing plants to local distribution systems. Companies included in this industry obtain the bulk of their revenue from the sale of gas to distribution companies for resale. Those companies that derive most of their revenue from the sale of gas to final consumers are classified as being in the Gas Distribution Industry.

- (1) Sum of deliveries on peak day for each of responding companies regardless of date of peak day delivery.

Prepared in the Public Utilities Section,
Public Finance and Transportation Division.

8506-503-11



TABLE 1. Natural Gas Transmission by Company

JANUARY, 1961

Mcf.

No.		Total January 1960	Total January 1961	The Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Mid- Continent Pipelines Ltd.
<u>Natural gas received into transmission systems</u>						
1	From own gathering system or processing plants	8,630,075	10,214,479	-	-	-
2	From other gathering systems or processing plants	17,796,715	27,378,303	19,995,872	1,606,042	1,384,009
3	From foreign transmission lines	-	-	-	-	-
4	Total net receipts	26,426,789	37,592,782	...	...	...
5	From storage	2,067,570	5,071,021	-	-	-
6	Transfers from Canadian transmission systems	12,811,569	20,729,798	-	-	-
7	Returned to transmission systems for re-delivery	9,565	409,895	-	-	-
8	Total gross receipts	41,315,493	63,803,496	19,995,872	1,606,042	1,384,009
<u>Natural gas delivered out of transmission systems</u>						
9	To distribution systems	18,648,586	24,696,940	180,210	-	1,384,017
10	To foreign transmission lines	8,473,024	15,022,737	-	1,608,400	-
11	To industrial consumers	-	-	-	-	-
12	To others	165	163	-	163	-
13	Total net deliveries	27,121,775	39,719,840	...	...	...
14	To storage	-	-	-	-	-
15	Transfers to Canadian transmission systems	12,811,569	20,729,798	19,707,711	-	-
16	Re-delivered to distribution systems	811,509	2,169,055	-	-	-
17	Total gross deliveries	40,744,853	62,618,693	19,887,921	1,608,563	1,384,017
18	Pipeline fuel	377,140	937,806	2,096	-	-
19	Pipeline losses and metering differences	176,294	120,648	113,605	-2,540	-
20	Line pack fluctuations	17,206	126,349	-7,750	19	-8
21	Total disposition of receipts	41,315,493	63,803,496	19,995,872	1,606,042	1,384,009

... Figures not appropriate or not applicable.

TABLE 1. Natural Gas Transmission by Company

JANUARY, 1961

Mcf.

Niagara Gas Transmission Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans- Canada Pipe Lines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies	No.
-	-	68,060	-	7,933,811	2,212,608	1
-	1,562,292	107,102	-	2,631,024	91,962	2
-	-	-	-	-	-	3
...	...	...	...	...	...	4
-	5,071,021	-	-	-	-	5
-	892,119	-	19,837,619	-	-	6
106,089	-	-	303,806	-	-	7
106,089	7,525,432	175,162	20,141,485	10,564,835	2,304,570	8
-	5,352,969	171,588	12,143,471	3,137,848	2,326,837	9
-	-	-	6,170,375	7,243,962	-	10
-	-	-	-	-	-	11
-	-	-	-	-	-	12
...	...	...	...	...	...	13
-	-	-	-	-	-	14
-	129,968	-	892,119	-	-	15
106,089	2,062,966	-	-	-	-	16
106,089	7,545,903	171,588	19,205,965	10,381,810	2,326,837	17
-	9,198	-	713,333	213,179	-	18
-	-29,669	3,574	62,049	-4,099	-22,272	19
-	-	-	160,138	-26,055	5	20
106,089	7,525,432	175,162	20,141,485	10,564,835	2,304,570	21

TABLE 2. Operating Statistics by Company

JANUARY, 1961

No.		Canada	The Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Mid- Continent Pipelines Ltd.	Niagara Gas Transmission Ltd.
<u>Mcf. Sendout - daily average</u>						
1	January, 1961	1,281,285	641,546	51,889	44,646	3,422
2	Year to date, 1961					
3	January, 1960	874,896	370,753	53,681	22,483	309
4	Year to date, 1960					
<u>Mcf. Sendout on peak day of month</u>						
Maximum						
5	January, 1961	1,607,348(1)	754,882(2)	55,463	58,606	4,764
6	January, 1960	1,608,118(1)	419,220	58,899	24,635	436
Minimum						
7	January, 1961	1,135,741(1)	530,403	48,252	32,656	397
<u>Mcf. Miles</u>						
8	January, 1961 ..(000's miles)	31,719,210	..	26,300	1,384	53,045
<u>Line Pack</u>						
9	Beginning of month Mcf.	5,273,669	642,598	4,792	168	-
10	End of month Mcf.	5,400,018	634,848	4,811	160	-
11	Net fluctuation Mcf.	126,349	-7,750	19	-8	-
<u>Operating revenues</u>						
12	1st quarter, 1961 \$					
13	2nd quarter, 1961 \$					
14	3rd quarter, 1961 \$					
15	4th quarter, 1961 \$					
16	Total to date \$					
17	1st quarter, 1960 \$	25,996,622	1,352,975	758,129	918	6,000
18	2nd quarter, 1960 \$	21,643,294	1,061,209	581,753	132	6,000
19	3rd quarter, 1960 \$	20,431,152	1,737,253	442,014	-	6,000
20	4th quarter, 1960 \$	30,012,591	1,785,869	726,913	813	6,000
21	Total to date \$	98,083,659	5,937,306	2,508,809	1,863	24,000

- (1) Uncompensated.
(2) Not included in total.
.. Figures not available.

TABLE 2. Operating Statistics by Company

JANUARY, 1961

Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans- Canada Pipe Lines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies	No.
243,416	5,535	619,547	334,897	74,884	1
129,265	4,880	358,334	307,426	67,220	2
					3
					4
334,236	6,977	704,059	362,549	80,694	5
191,134	5,992	381,299	324,397	81,326	6
128,074	4,580	545,590	310,368	65,824	7
..	2,009	24,395,449	6,507,776	733,247	8
110,000	-	3,565,018	936,762	14,331	9
110,000	-	3,725,156	910,707	14,336	10
-	-	160,138	-26,055	5	11
					12
					13
					14
					15
					16
4,538,655	83,468	12,137,695	6,867,457	251,325	17
2,252,653	49,119	10,858,803	6,637,052	196,573	18
1,644,348	47,736	9,975,649	6,394,914	183,238	19
3,680,802	80,927	16,184,359	7,347,994	198,914	20
12,116,458	261,250	49,156,506	27,247,417	830,050	21

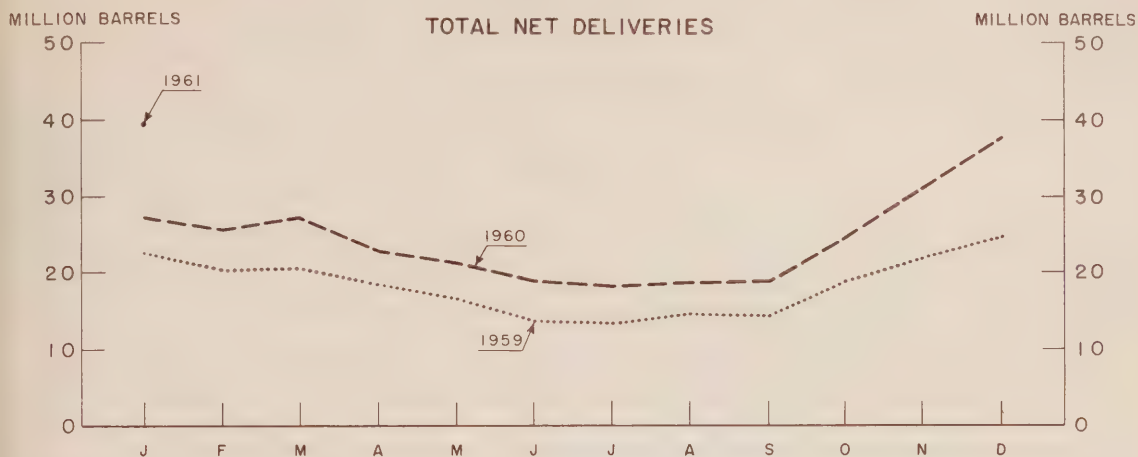
TABLE 3. Receipts and Deliveries by Province

JANUARY, 1961

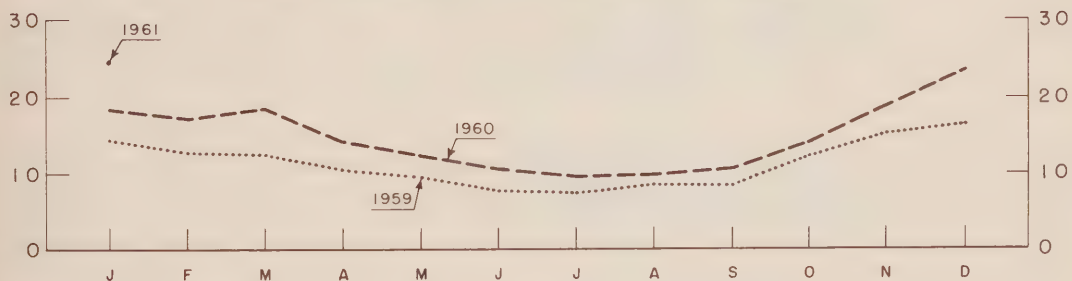
Mcf.

Province	Receipts	Deliveries	Exports
British Columbia	8,238,573	3,309,436	7,243,962
Alberta	27,791,917	2,507,210	1,608,400
Saskatchewan	-	1,602,590	-
Manitoba	-	1,959,750	6,170,375
Ontario	1,562,292	13,212,635	-
Quebec	-	2,105,482	-
Imports	-	-	-
Total Canada	37,592,782	24,697,103	15,022,737

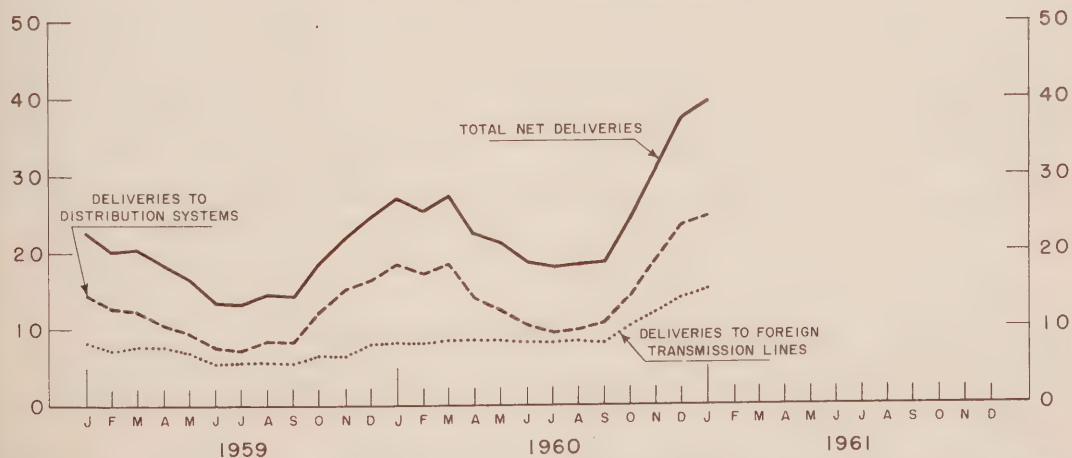
GAS PIPE LINE TRANSPORT
1959-61



NET DELIVERIES TO DISTRIBUTION SYSTEMS



NET DELIVERIES OF NATURAL GAS





Canada.
(DOMINION) BUREAU OF STATISTICS

OTTAWA - CANADA

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GAS PIPE LINE TRANSPORT

February, 1961

Gas pipe line transport companies increased their total net deliveries of natural gas 37.2 per cent to 34,964,567 Mcf., an average of 1,248,734 Mcf. per day. Exports increased 74.2 per cent to 14,283,852 Mcf. from 8,201,864 in February, 1960. The sales for the twelve month period ending February 28, 1961 were 313 billion Mcf.

Alberta accounted for the highest provincial receipts, 74.6 per cent, while the greater share of deliveries, 50.9 per cent, was made in Ontario.

Total Mcf. miles (not including Ontario Natural Gas Storage and Pipelines Ltd., calculations of which are not available due to the complexity of operations) amounted to 33.4 billion or 762 million ton miles.

Total pipeline fuel amounted to 977,756 Mcf. during February while the line pack increased to 405,396. Peak day deliveries, uncompensated, (1) amounted to 1,609,894 Mcf. while minimum deliveries of 1,124,404 Mcf. were some 30.2 per cent less. Load factor for the industry was 77.6 per cent.

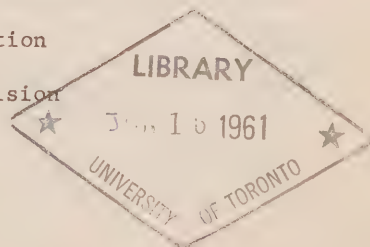
Duplications in the statistics have occurred as a result of gas being obtained by pipe line transport companies from certain distribution companies, which had in turn originally received the gas from a pipe line transport company. These items are shown separately as "Transfers from Canadian transmission systems" and "Returned to transmission systems for re-delivery".

Gas volumes in this report are given in thousands of cubic feet (Mcf.) of 1,000 British thermal units at 14.73 pounds per square inch absolute and at 60°F.

The Gas Pipe Line Transport Industry is defined as that industry which is engaged in the transportation of natural gas, by pipe line, from natural gas fields or processing plants to local distribution systems. Companies included in this industry obtain the bulk of their revenue from the sale of gas to distribution companies for resale. Those companies that derive most of their revenue from the sale of gas to final consumers are classified as being in the Gas Distribution Industry.

(1) Sum of deliveries on peak day for each of responding companies regardless of date of peak day delivery.

Prepared in the Public Utilities Section
Public Finance and Transportation Division



8506-503-21

TABLE 1. NATURAL GAS TRANSMISSION BY COMPANY

February, 1961

Mcf.

	Total February, 1960	Total February, 1961	The Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Mid- Continent Pipelines Ltd.
<u>Natural gas received into transmission systems</u>					
From own gathering system or processing plants	8,136,012	9,826,133	-	-	-
From other gathering systems or processing plants	16,401,484	25,070,481	18,927,836	1,402,961	1,361,092
From foreign transmission lines	-	8,671	-	-	-
Total net receipts	25,537,496	34,905,285	...	...	...
From storage	2,190,235	2,947,163	-	-	-
Transfers from Canadian transmission systems	11,762,731	19,997,934	-	-	-
Returned to transmission systems for re-delivery	27,787	329,840	-	-	-
Total gross receipts	38,518,249	58,180,222	18,927,836	1,402,961	1,361,092
<u>Natural gas delivered out of transmission systems</u>					
To distribution systems	17,264,267	20,679,907	127,568	-	1,361,088
To foreign transmission lines	8,201,864	14,283,852	-	1,390,382	-
To industrial consumers	13,528	630	630	-	-
To others	146	178	-	178	-
Total net deliveries	25,479,805	34,964,567	...	...	...
To storage	-	803,723	-	-	-
Transfers to Canadian transmission systems	11,762,731	19,997,934	18,716,368	-	-
Re-delivered to distribution systems	1,008,672	924,000	-	-	-
Total gross deliveries	38,251,208	56,690,224	18,844,566	1,390,560	1,361,088
Pipeline fuel	357,486	977,756	1,915	-	-
Pipeline losses and metering differences	60,969	106,846	76,461	12,417	-
Line pack fluctuations	-151,414	405,396	4,894	-16	4
Total disposition of receipts	38,518,249	58,180,222	18,927,836	1,402,961	1,361,092

... Figures not appropriate or not applicable.

TABLE 2. RECEIPTS AND DELIVERIES, BY PROVINCE

February, 1961

Mcf.

	British Columbia	Alberta	Saskatchewan	Manitoba
Receipts	8,088,499	26,021,694	-	-
Imports	-	8,671	-	-
Deliveries	2,848,459	2,209,987	1,609,011	1,538,170
Exports	7,193,998	1,390,697	-	5,699,157

TABLE 1. NATURAL GAS TRANSMISSION BY COMPANY

February, 1961

Mcf.

Niagara Gas Transmission Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans-Canada Pipelines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies
-	-	47,156	-	7,805,913	1,973,064
-	786,421	108,225	-	2,385,761	98,185
-	-	-	-	-	8,671
...
-	2,947,163	-	-	-	-
-	1,281,566	-	18,716,368	-	-
14,006	-	-	315,834	-	-
14,006	5,015,150	155,381	19,032,202	10,191,674	2,079,920
-	3,307,686	151,050	10,953,495	2,697,409	2,081,611
-	-	-	5,699,157	7,193,998	315
-	-	-	-	-	-
-	-	-	-	-	-
...
-	803,723	-	-	-	-
-	-	-	1,281,566	-	-
14,006	909,994	-	-	-	-
14,006	5,021,403	151,050	17,934,218	9,891,407	2,081,926
-	14,283	-	705,020	256,538	-
-	-20,536	4,331	8,803	27,372	-2,002
-	-	-	384,161	16,357	-4
14,006	5,015,150	155,381	19,032,202	10,191,674	2,079,920

TABLE 2. RECEIPTS AND DELIVERIES, BY PROVINCE

February, 1961

Mcf.

Ontario	Quebec	Total
786,421	-	34,896,614
-	-	8,671
10,531,203	1,943,885	20,680,715
-	-	14,283,852

TABLE 3. OPERATING STATISTICS BY COMPANY

February, 1961

		Canada	The Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipeline Co.	Mid-Continent Pipelines Ltd.	Niagara Gas Transmission Ltd.
<u>Mcf. Sendout - daily average</u>						
February, 1961		1,248,734	673,020	49,663	48,610	500
Year to date, 1961		1,266,018	470,042	50,833	46,527	2,036
February, 1960		878,613	366,646	54,375	17,010	992
Year to date, 1960		876,693	368,768	54,016	19,838	633
<u>Mcf. Sendout on peak day of month</u>						
Maximum						
February, 1961		1,609,894 ⁽¹⁾	743,669 ⁽²⁾	51,016	62,253	816
February, 1960		1,083,794 ⁽¹⁾	396,338 ⁽²⁾	57,591	22,054	4,061
Minimum						
February, 1961		1,124,404 ⁽¹⁾	603,722 ⁽²⁾	48,117	42,643	20
Mcf. Miles						
February, 1961	000's miles	33,412,560	3,120,201	23,133	1,361	7,003
<u>Line Pack</u>						
Beginning of month	Mcf.	4,950,037 ^r	634,848	4,830 ^r	160	..
End of month	Mcf.	5,355,433	639,742	4,814	164	..
Net fluctuation	Mcf.	405,396	4,894	-16	4	..
<u>Operating revenues</u>						
1st quarter, 1961	\$					
2nd quarter, 1961	\$					
3rd quarter, 1961	\$					
4th quarter, 1961	\$					
Total to date	\$					
1st quarter, 1960	\$	25,996,622	1,352,975	758,129	918	6,000
2nd quarter, 1960	\$	21,643,294	1,061,209	581,753	132	6,000
3rd quarter, 1960	\$	20,431,152	1,737,253	442,014	-	6,000
4th quarter, 1960	\$	30,012,591	1,785,869	726,913	813	6,000
Total to date	\$	98,083,659	5,937,306	2,508,809	1,863	24,000

1. Uncompensated
2. Not included in total
.. Figures not available
r Revised figures

TABLE 3. OPERATING STATISTICS BY COMPANY

February, 1961

Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans-Canada Pipe Lines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies
150,631	5,395	640,508	353,266	74,354
199,383	5,468	629,478	343,614	74,906
142,646	4,453	353,076	311,627	70,652
135,732	4,674	355,793	309,456	68,848
316,437	7,528	715,078	373,195	83,571
202,275	5,640	379,333	327,630	85,210
68,313	3,796	579,754	327,158	54,603
..	1,678	23,424,837	6,235,617	598,730
110,000	..	3,275,156 ^r	910,707	14,336
110,000	..	3,659,317	927,064	14,332
-	..	384,161	16,357	-4
4,538,655	83,468	12,137,695	6,867,457	251,325
2,252,653	49,119	10,858,803	6,637,052	196,573
1,644,348	47,736	9,975,649	6,394,914	183,238
3,680,802	80,927	16,184,359	7,347,994	198,914
12,116,458	261,250	49,156,506	27,247,417	830,050

TABLE 4. NATURAL GAS TRANSMISSION BY MONTH

February, 1961

Mcf.

	Year to date		January ^r	February	March
	1960	1961			
<u>Natural gas received into transmission systems</u>					
From own gathering system or processing plants	16,766,086	20,041,086	10,214,953	9,826,133	
From other gathering systems or processing plants	34,198,199	52,448,784	27,378,303	25,070,481	
From foreign transmission lines	-	18,879	10,208	8,671	
Total net receipts	50,964,285	72,508,749	37,603,464	34,905,285	
From storage	4,257,805	8,018,184	5,071,021	2,947,163	
Transfers from Canadian transmission systems	24,574,300	40,727,732	20,729,798	19,997,934	
Returned to transmission systems for re-delivery	37,352	739,735	409,895	329,840	
Total gross receipts	79,833,742	121,994,400	63,814,178	58,180,222	
<u>Natural gas delivered out of transmission systems</u>					
To distribution systems	35,912,853	45,387,055	24,707,148	20,679,907	
To foreign transmission lines	16,674,888	29,307,063	15,023,211	14,283,852	
To industrial consumers	13,528	630	-	630	
To others	311	341	163	178	
Total net deliveries	52,601,580	74,695,089	39,730,522	34,964,567	
To storage	-	803,723	-	803,723	
Transfers to Canadian transmission systems	24,574,300	40,727,732	20,729,798	19,997,934	
Re-delivered to distribution systems	1,820,181	3,093,055	2,169,055	924,000	
Total gross deliveries	78,996,061	119,319,599	62,629,375	56,690,224	
Pipeline fuel	734,626	1,915,562	937,806	977,756	
Pipeline losses and metering differences	237,263	227,494	120,648	106,846	
Line pack fluctuations	-134,208	531,745	126,349	405,396	
Total disposition of receipts	79,833,742	121,994,400	63,814,178	58,180,222	
^r Revised figures					

^r Revised figures.

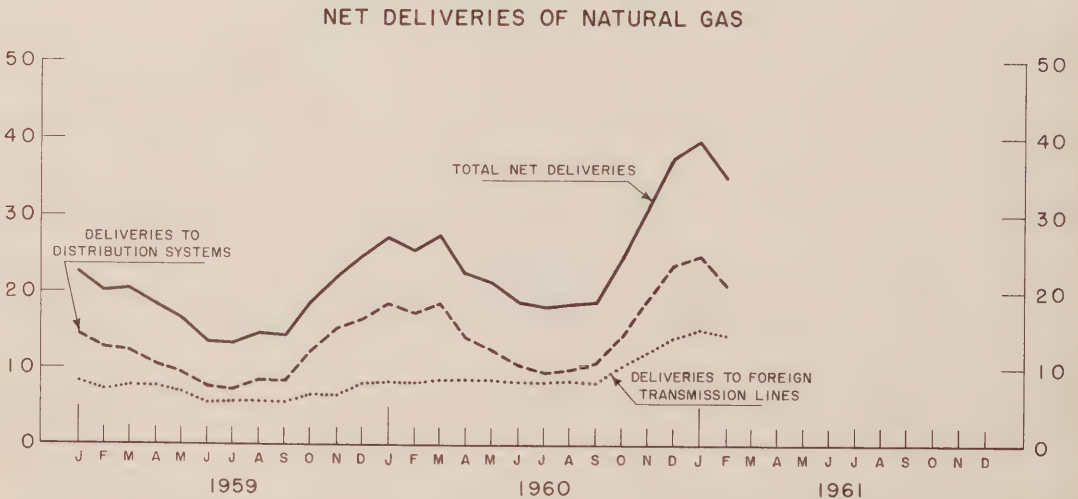
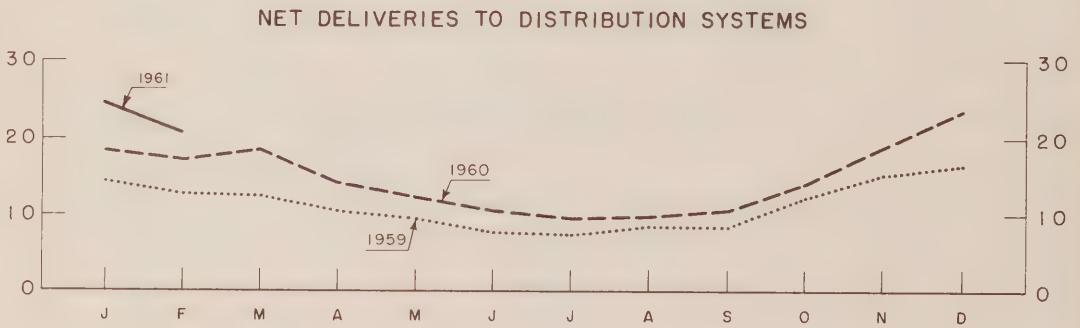
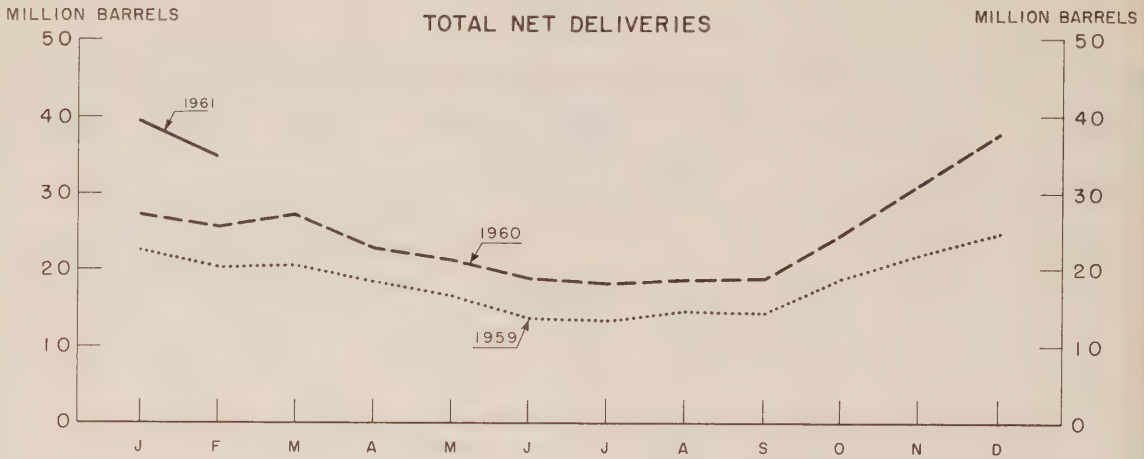
TABLE 4. NATURAL GAS TRANSMISSION BY MONTH

February, 1961

Mc f.

April	May	June	July	August	September	October	November	December
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GAS PIPE LINE TRANSPORT 1959-61





Canada
DOMINION BUREAU OF STATISTICS

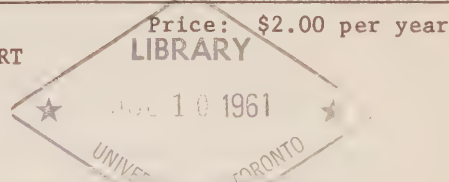
OTTAWA - CANADA

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Vol. 3, No. 3

GAS PIPE LINE TRANSPORT

MARCH, 1961



Net deliveries of natural gas through Canadian pipe lines totalled 37,-313,160 Mcf. in March, up 36.8 per cent from the total of 27,267,522 Mcf. in March, 1960. Daily average sendout was 1,203,650 Mcf. as compared with 879,597 Mcf. Peak day deliveries, uncompensated⁽¹⁾ amounted to 1,482,020 Mcf., while the minimum day sendout of 1,095,491 Mcf. was some 26.1 per cent less. Exports increased 84.8 per cent to 15,787,681 Mcf. from 8,544,915 Mcf. in the previous year. The net deliveries for the twelve month period ending March 31, 1961 were 323,300,337 Mcf.

Alberta accounted for the highest provincial receipts, 74.0 per cent, while the greatest share of domestic deliveries, 53.9 per cent, was made in Ontario.

Total Mcf. miles (not including Ontario Natural Gas Storage and Pipelines, Ltd., calculations of which are not available due to the complexity of their operations) amounted to 37.1 billion or 813,383 ton miles.

Pipeline fuel amounted to 1,015,409 Mcf. during March, while the line pack decreased by 167,088 Mcf.

Duplications in the statistics have occurred as a result of gas being obtained by pipe line transport companies from certain distribution companies, which had in turn originally received the gas from a pipe line transport company. These items are shown separately as "Transfers from Canadian transmission systems" and "Returned to transmission systems by distribution systems for re-delivery".

Gas volumes in this report are measured in cubic feet of 1,000 British thermal units at 14.73 pounds per square inch absolute and at 60°F. Gas volumes in this report are given in thousands of cubic feet (Mcf.).

The Gas Pipe Line Transport Industry is defined as that industry which is engaged in the transportation of natural gas, by pipe line, from natural gas fields or processing plants to local distribution systems. Companies included in this industry obtain the bulk of their revenue from the sale of gas to distribution companies for resale. Those companies that derive most of their revenue from the sale of gas to final consumers are classified as being in the Gas Distribution Industry.

Monthly reports of "Sales of Manufactured and Natural Gas" include summary data of receipts and deliveries of natural gas by transmission and distribution systems combined.

(1) Sum of deliveries on peak day for each of responding companies regardless of date of peak day delivery.

Prepared in the Public Utilities Section

Public Finance and Transportation Division

8506-503-31

TABLE 1. Natural Gas Transmission by Company

MARCH, 1961

Mcf.

No.		Total March 1960	Total March 1961	The Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Mid- Continent Pipelines Ltd.
<u>Natural gas received into transmission systems</u>						
1	From own gathering system or processing plants	8,963,748	11,374,343	-	-	-
2	From other gathering systems or processing plants	17,565,867	25,556,307	20,446,125	1,495,006	791,021
3	From foreign transmission lines	-	7,719	-	-	-
4	Total net receipts	26,529,615	36,938,369	...	...	...
5	From storage	2,350,610	3,037,551	-	-	-
6	Transfers from Canadian transmission systems	12,291,925	22,021,273	-	-	-
7	Returned to transmission systems by distribution systems for re-delivery.	115,097	332,563	-	-	-
8	Total gross receipts	41,287,247	62,329,756	20,446,125	1,495,006	791,021
<u>Natural gas delivered out of transmission systems</u>						
9	To distribution systems	18,711,126	21,520,661	87,988	-	791,003
10	To foreign transmission lines	8,544,915	15,787,681	-	1,474,653	-
11	To industrial consumers	11,275	-	-	-	-
12	To others	206	4,818	4,677	141	-
13	Total net deliveries	27,267,522	37,313,160	...	...	...
14	To storage	-	1,397,462	-	-	-
15	Transfers to Canadian transmission systems	12,291,925	22,021,273	20,292,802	-	-
16	Re-delivered to distribution systems	1,105,127	574,131	-	-	-
17	Total gross deliveries	40,664,574	61,306,026	20,385,467	1,474,794	791,003
18	Pipeline fuel	371,108	1,015,409	1,521	-	-
19	Pipeline losses and metering differences	132,024	175,409	57,832	20,346	-
20	Line pack fluctuations	119,541	-167,088	1,305	-134	18
21	Total disposition of gross receipts .	41,287,247	62,329,756	20,446,125	1,495,006	791,021
... Figures not appropriate or not applicable.						

TABLE 2. Receipts and Deliveries of Transmission Systems, by Province

MARCH, 1961

Mcf.

No.		British Columbia	Alberta	Saskatchewan
<u>Receipts</u>				
1	From gathering systems or processing plants	9,373,253	27,315,845	-
2	From foreign transmission lines	-	7,719	-
3	Total	9,373,253	27,323,564	-
<u>Deliveries</u>				
4	To distribution systems or consumers ..	2,900,378	2,421,846	1,074,147
5	To foreign transmission lines	8,294,685	1,475,058	-
6	Total	11, 195,063	3,896,904	1,074,147

TABLE 1. Natural Gas Transmission by Company

MARCH, 1961

Mcf.

Niagara Gas Transmission Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans- Canada Pipe Lines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies	No.
-	-	43,218	-	9,062,116	2,269,009	1
-	241,552	114,796	-	2,416,866	50,941	2
-	-	-	-	-	7,719	3
...	...	...	...	...	...	4
-	3,037,551	-	-	-	-	5
-	1,728,471	-	20,292,802	-	-	6
18,878	-	-	313,685	-	-	7
18,878	5,007,574	158,014	20,606,487	11,478,982	2,327,669	8
-	3,128,880	161,321	12,283,372	2,739,057	2,329,040	9
-	-	-	6,017,938	8,294,685	405	10
-	-	-	-	-	-	11
-	-	-	-	-	-	12
...	...	...	...	...	...	13
-	1,397,462	-	-	-	-	14
-	-	-	1,728,471	-	-	15
18,878	555,253	-	-	-	-	16
18,878	5,081,595	161,321	20,029,781	11,033,742	2,329,445	17
-	11,788	-	781,337	220,763	-	18
-	-85,809	-3,307	137,955	50,253	-1,861	19
-	-	-	-342,586	174,224	85	20
18,878	5,007,574	158,014	20,606,487	11,478,982	2,327,669	21

TABLE 2. Receipts and Deliveries of Transmission Systems, by Province

MARCH, 1961

Mcf.

Manitoba	Ontario	Quebec	Total	No.
-	241,552	-	36,930,650	1
-	-	-	7,719	2
-	241,552	-	36,938,369	3
1,412,169	11,576,723	2,140,216	21,525,479	4
6,017,938	-	-	15,787,681	5
7,430,107	11,576,723	2,140,216	37,313,160	6

TABLE 3. Operating Statistics by Company

MARCH, 1961

No.		Canada	The Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Mid- Continent Pipelines Ltd.	Niagara Gas Transmission Ltd.
<u>Mcf. sendouts</u>						
	March, 1961					
1	Daily average	1,203,650	657,956	47,574	25,517	609
2	Maximum day	1,482,020(1)	744,092(2)	52,984	40,126	919
3	Minimum day	1,095,491(1)	603,469(2)	44,162	16,817	330
	March, 1960					
4	Daily average	879,597	364,444	52,272	20,800	3,713
5	Maximum day	914,698	395,416(2)	59,638	25,734	4,394
	Year to date, 1961					
6	Daily average	1,244,536	534,644	49,710	39,290	1,544
	Year to date, 1960					
7	Daily average	877,682	367,295	53,422	20,166	1,675
	<u>Mcf. Miles</u>					
8	March, 1961 (000's miles)	37,120,099	3,379,060	24,660	670	..
	<u>Line Pack</u>					
9	Beginning of month Mcf.	5,355,432	639,741	4,814	164	-
10	End of month Mcf.	5,188,344	641,046	4,680	182	-
11	Net fluctuation Mcf.	-167,088	1,305	-134	18	-
	<u>Operating revenues</u>					
12	1st quarter, 1961 \$	36,802,443	1,992,882	707,759	1,760	24,000
13	2nd quarter, 1961 \$					
14	3rd quarter, 1961 \$					
15	4th quarter, 1961 \$					
16	Total to date \$					
17	1st quarter, 1960 \$	25,996,622	1,352,975	758,129	918	6,000
18	2nd quarter, 1960 \$	21,643,294	1,061,209	581,753	132	6,000
19	3rd quarter, 1960 \$	20,431,152	1,737,253	442,014	-	6,000
20	4th quarter, 1960 \$	30,012,591	1,785,869	726,913	813	6,000
21	Total to date \$	98,083,659	5,937,306	2,508,809	1,863	24,000
(1)	Uncompensated.					
(2)	Not included in total.					
..	Figures not available.					

TABLE 3. Operating Statistics by Company

MARCH, 1961

Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans- Canada Pipe Lines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies	No.
118,843	5,204	646,122	355,927	75,144	1
216,945	6,020	705,590	376,933	82,503	2
59,125	3,647	583,410	334,017	53,983	3
140,769	4,314	347,906	304,582	72,960	4
220,394	6,086	389,266	327,091	81,218	5
171,641	5,377	635,211	347,855	74,989	6
137,448	4,551	353,106	307,796	69,492	7
..	1,736	26,729,455	6,970,101	913,177	8
110,000	-	3,659,317	927,064	14,332	9
110,000	-	3,316,731	1,101,288	14,417	10
-	-	-342,586	174,224	85	11
5,496,305	95,556	19,970,458	8,257,869	255,854	12
					13
					14
					15
					16
4,538,655	83,468	12,137,695	6,867,457	251,325	17
2,252,653	49,119	10,858,803	6,637,052	196,573	18
1,644,348	47,736	9,975,649	6,394,914	183,238	19
3,680,802	80,927	16,184,359	7,347,994	198,914	20
12,116,458	261,250	49,156,506	27,247,417	830,050	21

TABLE 4. Natural Gas Transmission by Month

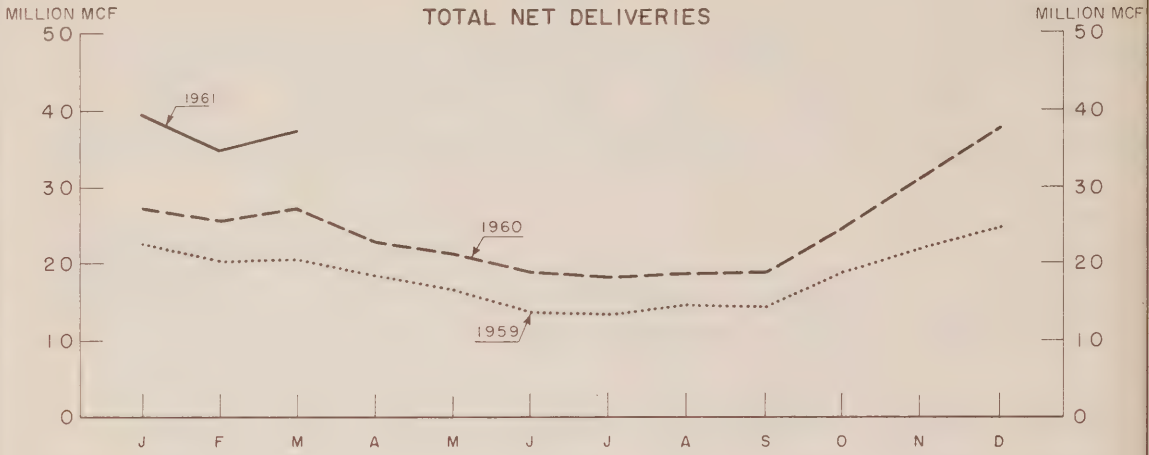
MARCH, 1961

Mcf.

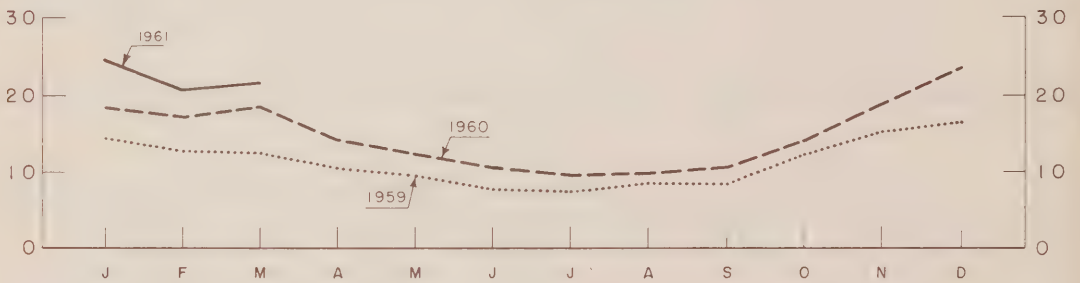
	Year to date		January	February	March
	1960	1961			
<u>Natural gas received into transmission systems</u>					
From own gathering system or other processing plants	25,729,834	31,415,429	10,214,953	9,826,133	11,374,343
From other gathering systems or processing plants .	51,764,066	78,005,091	27,378,303	25,070,481	25,556,307
From foreign transmission lines	-	26,598	10,208	8,671	7,719
Total net receipts	77,493,900	109,447,118	37,603,464	34,905,285	36,938,369
From storage	6,608,415	11,055,735	5,071,021	2,947,163	3,037,551
Transfers from Canadian transmission systems	36,866,225	62,749,005	20,729,798	19,997,934	22,021,273
Returned to transmission systems by distribution systems for re-delivery	152,449	1,072,298	409,895	329,840	332,563
Total gross receipts	121,120,989	184,324,156	63,814,178	58,180,222	62,329,756
<u>Natural gas delivered out of transmission systems</u>					
To distribution systems	54,623,979	66,907,716	24,707,148	20,679,907	21,520,661
To foreign transmission lines	25,219,803	45,094,744	15,023,211	14,283,852	15,787,681
To industrial consumers	24,803	630	-	630	-
To others	517	5,159	163	178	4,818
Total net deliveries	79,869,102	112,008,249	39,730,522	34,964,567	37,313,160
To storage	-	2,201,185	-	802,723	1,397,462
Transfers to Canadian transmission systems	36,866,225	62,749,005	20,729,798	19,997,934	22,021,273
Re-delivered to distribution systems	2,925,308	3,667,186	2,169,055	924,000	574,131
Total gross deliveries	119,660,635	180,625,625	62,629,375	56,690,224	61,306,026
Pipeline fuel	1,105,734	2,930,971	937,806	977,756	1,015,409
Pipeline losses and metering differences	369,287	402,903	120,648	106,846	175,409
Line pack fluctuations	-14,667	364,657	126,349	405,396	-167,088
Total disposition of gross receipts	121,120,989	184,324,156	63,814,178	58,180,222	62,329,756

GAS PIPE LINE TRANSPORT

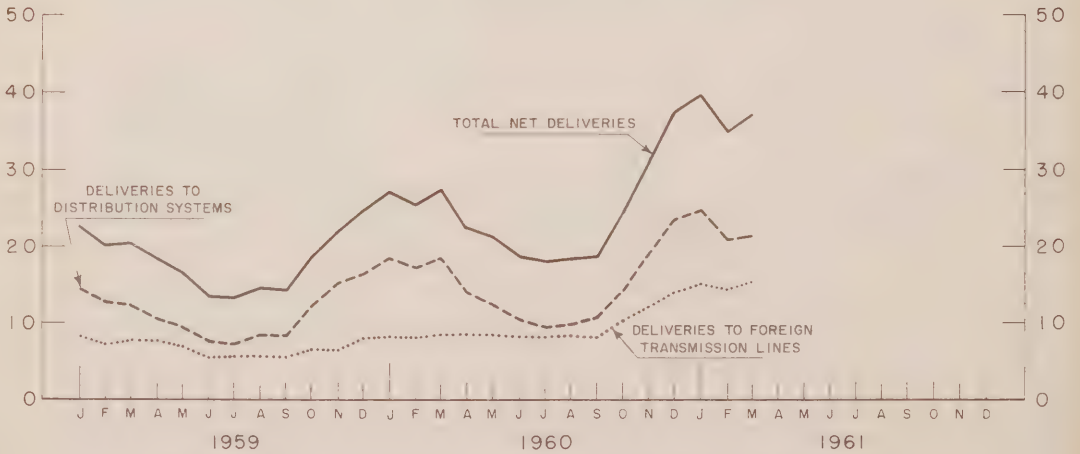
1959-61



NET DELIVERIES TO DISTRIBUTION SYSTEMS



NET DELIVERIES TO DISTRIBUTION SYSTEMS
AND FOREIGN TRANSMISSION LINES





(DOMINION) BUREAU OF STATISTICS

OTTAWA - CANADA

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GAS PIPE LINE TRANSPORT

APRIL, 1961

During April Canadian transmission lines increased their net deliveries of natural gas by 46.7 per cent to a total of 33,429,113 Mcf. from 22,780,492 recorded one year earlier. Daily average sendout was 1,114,304 Mcf. per day compared with 816,163 Mcf. in April 1960. For the four months ended April 30, 1961 net deliveries increased 41.7 per cent to 145,437,362 Mcf. from 102,649,594. Net deliveries for the twelve month period were 333,345,975 Mcf.

Exports increased 60.4 per cent this month to 13,970,471 Mcf. from 8,717,725 in April last year.

Alberta accounted for 72.3 per cent of the provincial receipts, 24,968,591 Mcf., with Ontario making the greatest share of deliveries, 31.2 per cent.

Total Mcf. miles (not including Ontario Natural Gas Storage and Pipelines, Ltd., calculations of which are not available due to the complexity of their operations) amounted to 35.0 billion or 799 million ton miles.

Duplications in the statistics have occurred as a result of gas being obtained by pipe line transport companies from certain distribution companies, which had in turn originally received the gas from a pipe line transport company. These items are shown separately as "Transfers from Canadian transmission systems" and "Returned to transmission systems by distribution systems for re-delivery".

Gas volumes are measured in cubic feet of 1,000 British thermal units at 14.73 pounds per square inch absolute and at 60°F. Gas volumes in this report are given in thousands of cubic feet (Mcf.).

The Gas Pipe Line Transport Industry is defined as that industry which is engaged in the transportation of natural gas, by pipe line, from natural gas fields or processing plants to local distribution systems. Companies included in this industry obtain the bulk of their revenue from the sale of gas to distribution companies for resale. Those companies that derive most of their revenue from the sale of gas to final consumers are classified as being in the Gas Distribution Industry.

Monthly reports of "Sales of Manufactured and Natural Gas" include summary data of receipts and deliveries of natural gas by transmission and distribution systems combined.

Prepared in the Public Utilities Section

Public Finance and Transportation Division



8506-503-41

TABLE 1. Natural Gas Transmission by Company

April, 1961

Mcf.

No.		Total April, 1960	Total April, 1961	The Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Mid- Continent Pipelines Ltd.
	<u>Natural gas received into transmission systems</u>					
1	From own gathering system or processing plants	8,492,900	10,720,815	-	-	-
2	From other gathering systems or processing plants	14,582,286	23,113,413	19,025,170	1,415,921	694,135
3	From foreign transmission lines	735,185	703,111	-	-	-
4	Total net receipts	23,810,371	34,537,339	...	...	...
5	From storage	133,505	1,685,359	-	-	-
6	Transfers from Canadian trans- mission systems	11,075,347	20,963,700	-	-	-
7	Returned to transmission systems by distribution systems for re-delivery.	671,769	571,984	-	-	-
8	Total gross receipts	35,690,992	57,758,382	19,025,170	1,415,921	694,135
	<u>Natural gas delivered out of transmission systems</u>					
9	To distribution systems	14,062,486	19,456,192	70,012	-	694,125
10	To foreign transmission lines	8,717,725	13,970,471	-	1,406,308	-
11	To industrial consumers	165	2,337	2,337	-	-
12	To others	116	113	-	113	-
13	Total net deliveries	22,780,492	33,429,113	...	...	...
14	To storage	1,325,749	1,798,821	-	-	-
15	Transfers to Canadian trans- mission systems	11,075,347	20,963,700	18,957,611	-	-
16	Re-delivered to distribution systems	196,342	111,307	-	-	-
17	Total gross deliveries	35,377,930	56,302,941	19,029,960	1,406,421	694,125
18	Pipeline fuel	313,968	940,358	1,198	-	-
19	Pipeline losses and metering differences	145,767	310,830	8,235	10,237	-
20	Line pack fluctuations	-146,673	204,253	-14,223	-737	10
21	Total disposition of gross receipts .	35,690,992	57,758,382	19,025,170	1,415,921	694,135

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Deliveries of Transmission Systems, by Province

April, 1961

Mcf.

No.		British Columbia	Alberta	Saskatchewan
	<u>Receipts</u>			
1	From gathering systems or processing plants	8,872,298	24,961,930	-
2	From foreign transmission lines	-	6,661	-
3	Total	8,872,298	24,968,591	-
	<u>Deliveries</u>			
4	To distribution systems or consumers ..	2,505,664	2,272,637	958,706
5	To foreign transmission lines	7,668,663	1,406,505	-
6	Total	10,174,327	3,679,142	958,706

TABLE 1. Natural Gas Transmission by Company

April, 1961

Mcf.

Niagara Gas Transmission Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans- Canada Pipe Lines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies	No.
-	-	15,787	-	8,618,458	2,086,570	1
-	82,479	101,505	-	1,706,461	87,742	2
-	696,450	-	-	-	6,661	3
...	...	...	...	...	...	4
-	1,685,359	-	-	-	-	5
-	2,006,089	-	18,957,611	-	-	6
51,128	191,208	-	329,648	-	-	7
51,128	4,661,585	117,292	19,287,259	10,324,919	2,180,973	8
-	2,745,593	117,670	11,240,623	2,387,994	2,200,175	9
-	-	-	4,895,303	7,668,663	197	10
-	-	-	-	-	-	11
-	-	-	-	-	-	12
...	...	...	...	...	...	13
-	1,798,821	-	-	-	-	14
-	-	-	2,006,089	-	-	15
51,128	60,179	-	-	-	-	16
51,128	4,604,593	117,670	18,142,015	10,056,657	2,200,372	17
-	20,130	-	720,089	198,941	-	18
-	36,862	-378	236,170	38,999	-19,295	19
-	-	-	188,985	30,322	-104	20
51,128	4,661,585	117,292	19,287,259	10,324,919	2,180,973	21

TABLE 2. Receipts and Deliveries of Transmission Systems, by Province

April, 1961

Mcf.

Manitoba	Ontario	Quebec	Total	No.
-	-	-	33,834,228	1
-	696,450	-	703,111	2
-	696,450	-	34,537,339	3
1,287,095	10,436,037	1,998,503	19,458,642	4
4,895,303	-	-	13,970,471	5
6,182,398	10,436,037	1,998,503	33,429,113	6

TABLE 3. Operating Statistics by Company

April, 1961

No.		Canada	The Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Mid- Continent Pipelines Ltd.	Niagara Gas Transmission Ltd.
	<u>Mcf. sendouts</u>					
	April, 1961					
1	Daily average	1,114,304	634,332	46,881	23,138	1,704
2	Maximum day	1,285,662 ⁽¹⁾	694,446 ⁽²⁾	51,994	27,519	3,844
3	Minimum day	981,505 ⁽¹⁾	543,207 ⁽²⁾	44,228	15,015	326
	April, 1960					
4	Daily average	759,350	318,912	48,509	7,920	3,685
5	Maximum day	970,229 ⁽¹⁾	362,410 ⁽²⁾	54,507	15,120	3,999
	Year to date, 1961					
6	Daily average	1,211,978	559,566	49,003	35,252	1,584
	Year to date, 1960					
7	Daily average	848,344	355,299	52,204	17,129	2,173
	<u>Mcf. Miles</u>					
8	April, 1961 (000's miles)	35,028,650	3,161,377	23,262	589	25,564
	<u>Line Pack</u>					
9	Beginning of month Mcf.	5,188,344	641,046	4,680	182	..
10	End of month Mcf.	5,392,597	626,823	3,943	192	..
11	Net fluctuation Mcf.	204,253	-14,223	-737	10	..
	<u>Operating revenues</u>					
12	1st quarter, 1961 \$	36,802,443	1,992,882	707,759	1,760	24,000
13	2nd quarter, 1961 \$					
14	3rd quarter, 1961 \$					
15	4th quarter, 1961 \$					
16	Total to date \$					
17	1st quarter, 1960 \$	25,996,622	1,352,975	758,129	918	6,000
18	2nd quarter, 1960 \$	21,643,294	1,061,209	581,753	132	6,000
19	3rd quarter, 1960 \$	20,431,152	1,737,253	442,014	-	6,000
20	4th quarter, 1960 \$	30,012,591	1,785,869	726,913	813	6,000
21	Total to date \$	98,083,659	5,937,306	2,508,809	1,863	24,000

(1) Uncompensated.

(2) Not included in total.

.. Figures not available.

TABLE 3. Operating Statistics by Company

April, 1961

Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans- Canada Pipe Lines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies	No.
93,526	3,922	604,734	335,222	73,346	1
139,765	5,714	605,227	371,032	80,567	2
41,577	2,582	539,277	275,780	62,720	3
64,396	2,597	315,655	305,139	68,262	4
125,221	3,591	352,518	338,943	76,330	5
140,467	5,014	627,591	344,697	74,577	6
119,336	4,067	343,820	307,137	69,187	7
..	1,185	24,928,351	6,158,202	730,120	8
110,000	..	3,316,731	1,101,288	14,417	9
110,000	..	3,505,716	1,131,610	14,313	10
-	..	188,985	30,322	-104	11
5,496,305	95,556	19,970,458	8,257,869	255,854	12
					13
					14
					15
					16
4,538,655	83,468	12,137,695	6,867,457	251,325	17
2,252,653	49,119	10,858,803	6,637,052	196,573	18
1,644,348	47,736	9,975,649	6,394,914	183,238	19
3,680,802	80,927	16,184,359	7,347,994	198,914	20
12,116,458	261,250	49,156,506	27,247,417	830,050	21

TABLE 4. Natural Gas Transmission by Month

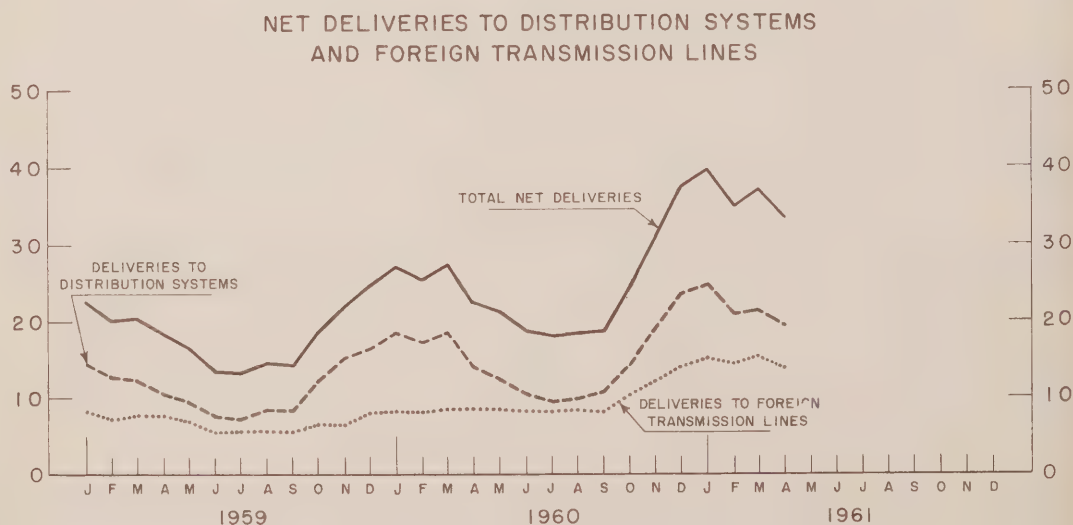
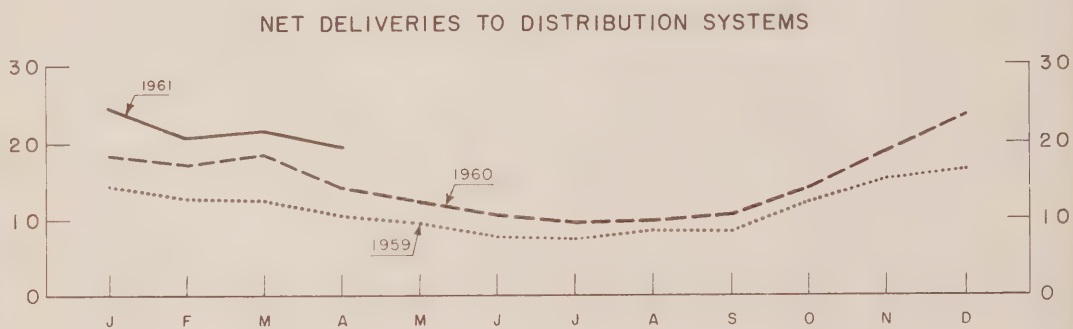
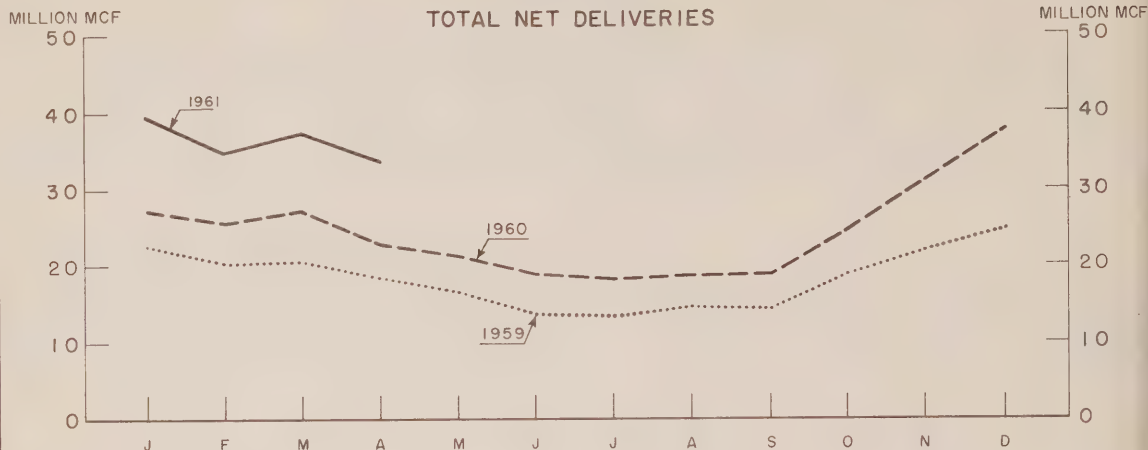
April, 1961

Mcf.

No.		Year to date		January	February	March
		1960	1961			
<u>Natural gas received into transmission systems</u>						
1	From own gathering system or other processing plants	34,222,734	42,136,244	10,214,953	9,826,133	11,374,343
2	From other gathering systems or processing plants	66,346,352	101,118,504	27,378,303	25,070,481	25,556,307
3	From foreign transmission lines	735,185	729,709	10,208	8,671	7,719
4	Total net receipts	101,304,271	143,984,457	37,603,464	34,905,285	36,938,369
5	From storage	6,741,920	12,741,094	5,071,021	2,947,163	3,037,551
6	Transfers from Canadian transmission systems	47,941,572	83,712,705	20,729,798	19,997,934	22,021,273
7	Returned to transmission systems by distribution systems for re-delivery	824,218	1,644,282	409,895	329,840	332,563
8	Total gross receipts	156,811,981	242,082,538	63,814,178	58,180,222	62,329,756
<u>Natural gas delivered out of transmission systems</u>						
9	To distribution systems	68,686,465	86,363,908	24,707,148	20,679,907	21,520,661
10	To foreign transmission lines	33,937,528	59,065,215	15,023,211	14,283,852	15,787,681
11	To industrial consumers	24,968	7,644	-	630	4,677 ^r
12	To others	633	595	163	178	141 ^r
13	Total net deliveries	102,649,594	145,437,362	39,730,522	34,964,567	37,313,160
14	To storage	1,325,749	4,000,006	-	803,723	1,397,462
15	Transfers to Canadian transmission systems	47,941,572	83,712,705	20,729,798	19,997,934	22,021,273
16	Re-delivered to distribution systems	3,121,650	3,778,493	2,169,055	924,000	574,131
17	Total gross deliveries	155,038,565	236,928,566	62,629,375	56,690,224	61,306,026
18	Pipeline fuel	1,419,702	3,871,329	937,806	977,756	1,015,409
19	Pipeline losses and metering differences	515,054	713,733	120,648	106,846	175,409
20	Line pack fluctuations	-161,340	568,910	126,349	405,396	-167,088
21	Total disposition of gross receipts	156,811,981	242,082,538	63,814,178	58,180,222	62,329,756

^r Revised figures.

GAS PIPE LINE TRANSPORT 1959-61





Canada
(DOMINION) BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. George Hees, Minister of Trade and Commerce

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GAS PIPE LINE TRANSPORT

MAY 1 1961

MAY, 1961

Gas pipe line transport companies increased their total net deliveries of natural gas 48.5 per cent to 31,270,956 Mcf., an average of 1,008,741 Mcf. per day. Exports increased 67.1 per cent to 14,459,312 Mcf. from 8,652,816 Mcf. in May, 1960. The net deliveries for the twelve month period ending May 31, 1961 were 344,168,206 Mcf.

Alberta continued to maintain the highest provincial receipts, 71.1 per cent, while the greater share of deliveries, 32.2 per cent, was made in British Columbia.

Total Mcf. miles (not including Ontario Natural Gas Storage and Pipelines Ltd., calculations of which are not available due to the complexity of their operations) amounted to 33.7 billion or 769 million ton miles.

Total pipeline fuel amounted to 729,260 Mcf. during May while the line pack decreased by 488,650 Mcf.

Peak day deliveries, uncompensated(1), amounted to 1,329,518 Mcf. while minimum deliveries of 871,207 were some 34 per cent less.

Duplications in the statistics have occurred as a result of gas being obtained by pipe line transport companies from certain distribution companies, which had in turn originally received the gas from a pipeline transport company. These items are shown separately as "Transfers from Canadian transmission systems" and "Returned to transmission systems by distribution systems for re-delivery".

Gas volumes used in this report are given at a common base so that one cubic foot of gas contains 1,000 British thermal units at 14.73 pounds per square inch absolute and at 60°F. One Mcf. equals 1,000 cubic feet.

The gas pipe line transport industry is defined as that industry which is engaged in the transportation of natural gas, by pipe line, from natural gas fields or processing plants to local distribution systems. Companies included in this industry obtain the bulk of their revenue from the sale of gas to distribution companies for resale. Those companies that derive most of their revenue from the sale of gas to final consumers are classified as being in the Gas Distribution Industry.

Monthly reports of "Sales of Manufactured and Natural Gas" include summary data of receipts and deliveries of natural gas by transmission and distribution systems combined.

- (1) Sum of deliveries on peak day for each of responding companies regardless of date of peak day delivery.

Prepared in the Public Utilities Section
Public Finance and Transportation Division

8506-503-51

TABLE 1. Natural Gas Transmission by Company

May, 1961

Mcf.

No.		Total May 1960	Total May 1961	The Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Mid- Continent Pipelines Ltd.
	<u>Natural gas received into transmission systems</u>					
1	From own gathering system or processing plants	8,557,755	10,190,148	-	-	-
2	From other gathering systems or processing plants	13,657,983	21,211,882	17,404,261	1,358,230	404,591
3	From foreign transmission lines	824,945	772,582	-	-	-
4	Total net receipts	23,040,683	32,174,612	...	...	...
5	From storage	-	1,019,486	-	-	-
6	Transfers from Canadian trans- mission systems	11,054,915	19,313,804	-	-	-
7	Returned to transmission systems by distribution systems for re-delivery.	1,374,136	1,385,343	-	-	-
8	Total gross receipts	35,469,734	53,893,245	17,404,261	1,358,230	404,591
	<u>Natural gas delivered out of transmission systems</u>					
9	To distribution systems	12,398,198	16,806,394	44,883	-	404,635
10	To foreign transmission lines	8,652,816	14,459,312	-	1,351,802	-
11	To industrial consumers	617	5,167	5,167	-	-
12	To others	77	83	-	83	-
13	Total net deliveries	21,051,708	31,270,956	...	...	...
14	To storage	2,783,535	2,736,603	-	-	-
15	Transfers to Canadian trans- mission systems	11,054,915	19,313,804	17,290,012	-	-
16	Re-delivered to distribution systems	107,577	106,192	-	-	-
17	Total gross deliveries	34,997,735	53,427,555	17,340,062	1,351,885	404,635
18	Pipeline fuel	314,218	729,260	728	-	-
19	Pipeline losses and metering differences	139,989	225,080	82,048	6,378	-
20	Line pack fluctuations	17,792	-488,650	-18,577	-33	-44
21	Total disposition of gross receipts .	35,469,734	53,893,245	17,404,261	1,358,230	404,591

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Deliveries of Transmission Systems, by Province

May, 1961

Mcf.

No.		British Columbia	Alberta	Saskatchewan
	<u>Receipts</u>			
1	From gathering systems or processing plants	8,534,420	22,867,057	-
2	From foreign transmission lines	-	3,637	-
3	Total	8,534,420	22,870,694	-
	<u>Deliveries</u>			
4	To distribution systems or consumers ..	2,056,557	2,159,123	641,179
5	To foreign transmission lines	8,060,523	1,352,004	-
6	Total	10,117,080	3,511,127	641,179

TABLE 1. Natural Gas Transmission by Company
May, 1961

Mcf.

Niagara Gas Transmission Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans- Canada Pipe Lines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies	No.
-	-	1,818	-	8,228,052	1,960,278	1
-	553	81,603	-	1,831,362	131,282	2
-	768,945	-	-	-	3,637	3
...	...	...	...	...	...	4
-	1,019,486	-	-	-	-	5
-	1,917,575	-	17,396,229	-	-	6
106,192	977,949	-	301,202	-	-	7
106,192	4,684,508	83,421	17,697,431	10,059,414	2,095,197	8
-	1,829,350	84,172	10,361,979	1,972,385	2,108,990	9
-	-	-	5,046,785	8,060,523	202	10
-	-	-	-	-	-	11
-	-	-	-	-	-	12
...	...	...	...	...	...	13
-	2,736,603	-	-	-	-	14
-	106,217	-	1,917,575	-	-	15
106,192	-	-	-	-	-	16
106,192	4,672,170	84,172	17,326,339	10,032,908	2,109,192	17
-	29,000	-	527,737	171,795	-	18
-	-16,662	-751	156,369	11,588	-13,890	19
-	-	-	-313,014	-156,877	-105	20
106,192	4,684,508	83,421	17,697,431	10,059,414	2,095,197	21

TABLE 2. Receipts and Deliveries of Transmission Systems, by Province

May, 1961

Mcf.

Manitoba	Ontario	Quebec	Total	No.
-	769,498	-	32,170,975	1
-	-	-	3,637	2
-	769,498	-	32,174,612	3
857,243	9,090,321	2,007,221	16,811,644	4
5,046,785	-	-	14,459,312	5
5,904,028	9,090,321	2,007,221	31,270,956	6

TABLE 3. Operating Statistics by Company

May, 1961

No.		Canada	The Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Mid- Continent Pipelines Ltd.	Niagara Gas Transmission Ltd.
	<u>Mcf. sendouts</u>					
	May, 1961					
1	Daily average	1,008,741	559,357	43,609	13,053	3,422
2	Maximum day	1,329,518(1)	612,869(2)	52,454	16,103	3,707
3	Minimum day	871,207(1)	..	33,649	9,669	3,030
	May, 1960					
4	Daily average	679,087	302,119	39,945	4,191	3,470
5	Maximum day	867,737	345,478(2)	44,761	6,492	-
	Year to date, 1961					
6	Daily average	1,170,254	559,523	47,896	30,695	1,962
	Year to date, 1960					
7	Daily average	819,214	344,453	49,707	16,518	2,438
	<u>Mcf. Miles</u>					
8	May, 1961..... (000's miles)	33,711,968	2,930,488	21,993	343	-
	<u>Line Pack</u>					
9	Beginning of month Mcf.	5,392,597	626,823	3,943	192	..
10	End of month Mcf.	4,903,947	608,246	3,910	148	-
11	Net fluctuation Mcf.	-488,650	-18,577	-33	-44	-
	<u>Operating revenues</u>					
12	1st quarter, 1961 \$	36,802,443	1,992,882	707,759	1,760	24,000
13	2nd quarter, 1961 \$					
14	3rd quarter, 1961 \$					
15	4th quarter, 1961 \$					
16	Total to date \$					
17	1st quarter, 1960 \$	25,996,622	1,352,975	758,129	918	6,000
18	2nd quarter, 1960 \$	21,643,294	1,061,209	581,753	132	6,000
19	3rd quarter, 1960 \$	20,431,152	1,737,253	442,014	-	6,000
20	4th quarter, 1960 \$	30,012,591	1,785,869	726,913	813	6,000
21	Total to date \$	98,083,659	5,937,306	2,508,809	1,863	24,000

(1) Uncompensated.

(2) Not included in total.

.. Figures not available.

TABLE 3. Operating Statistics by Company

May, 1961

Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans- Canada Pipe Lines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies	No.
62,348	2,715	558,914	323,642	68,038	1
173,696	4,062	621,967	376,606	80,923	2
23,936	1,849	468,109	285,462	45,504	3
44,983	2,506	289,458	294,353	61,522	4
91,687	3,929	325,332	319,437	76,099	5
124,448	4,542	613,492	340,374	73,234	6
104,172	3,748	332,733	304,530	67,625	7
-	771	23,808,131	6,369,003	581,239	8
110,000	..	3,505,716	1,131,610	14,313	9
110,000	-	3,192,702	974,733	14,208	10
-	-	-313,014	-156,877	-105	11
5,496,305	95,556	19,970,458	8,257,869	255,854	12
					13
					14
					15
					16
4,538,655	83,468	12,137,695	6,867,457	251,325	17
2,252,653	49,119	10,858,803	6,637,052	196,573	18
1,644,348	47,736	9,975,649	6,394,914	183,238	19
3,680,802	80,927	16,184,359	7,347,994	198,914	20
12,116,458	261,250	49,156,506	27,247,417	830,050	21

TABLE 4. Natural Gas Transmission by Month

May, 1961

Mcf.

No.		Year to date		January	February	March
		May 1960	May 1961			
<u>Natural gas received into transmission systems</u>						
1	From own gathering system or other processing plants	42,780,489	52,326,392	10,214,953	9,826,133	11,374,343
2	From other gathering systems or processing plants	80,004,335	122,330,386	27,378,303	25,070,481	25,556,307
3	From foreign transmission lines	1,560,130	1,502,291	10,208	8,671	7,719
4	Total net receipts	124,344,954	176,159,069	37,603,464	34,905,285	36,938,369
5	From storage	6,741,920	13,760,580	5,071,021	2,947,163	3,037,551
6	Transfers from Canadian transmission systems	58,996,487	103,026,509	20,729,798	19,997,934	22,021,273
7	Returned to transmission systems by distribution systems for re-delivery	2,198,354	3,029,625	409,895	329,840	332,563
8	Total gross receipts	192,281,715	295,975,783	63,814,178	58,180,222	62,329,756
<u>Natural gas delivered out of transmission systems</u>						
9	To distribution systems	81,084,663	103,170,302	24,707,148	20,679,907	21,520,661
10	To foreign transmission lines	42,590,344	73,524,527	15,023,211	14,283,852	15,787,681
11	To industrial consumers	25,585	12,811	-	630	4,677
12	To others	710	678	163	178	141
13	Total net deliveries	123,701,302	176,708,318	39,730,522	34,964,567	37,313,160
14	To storage	4,109,284	6,736,609	-	803,723	1,397,462
15	Transfers to Canadian transmission systems	58,996,487	103,026,509	20,729,798	19,997,934	22,021,273
16	Re-delivered to distribution systems	3,229,227	3,884,685	2,169,055	924,000	574,131
17	Total gross deliveries	190,036,300	290,356,121	62,629,375	56,690,224	61,306,026
18	Pipeline fuel	1,733,920	4,600,589	937,806	977,756	1,015,409
19	Pipeline losses and metering differences	655,043	938,813	120,648	106,846	175,409
20	Line pack fluctuations	-153,548	80,260	126,349	405,396	-167,088
21	Total disposition of gross receipts	192,281,715	295,975,783	63,814,178	58,180,222	62,329,756

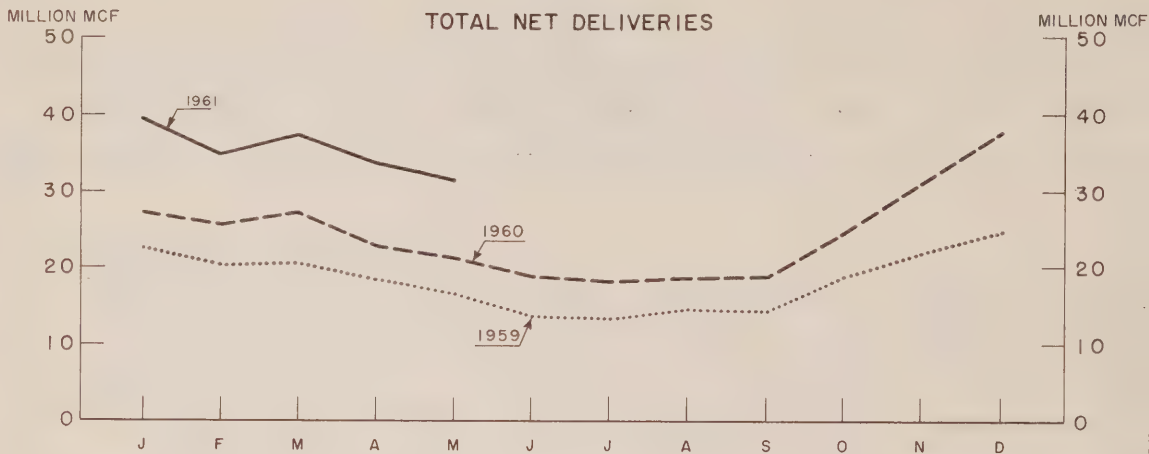
TABLE 4. Natural Gas Transmission by Month

May, 1961

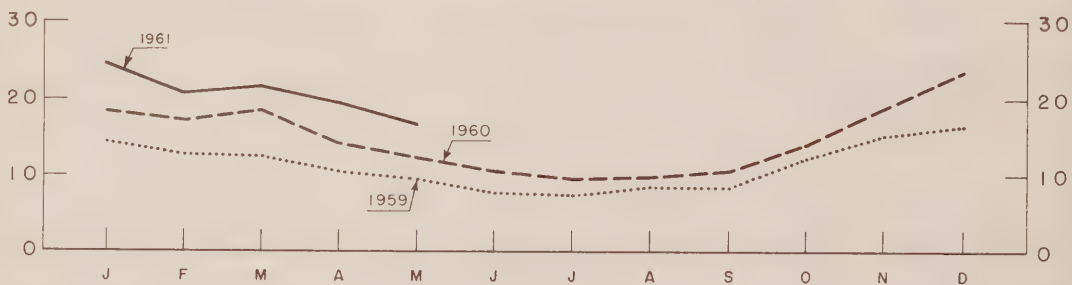
Mcf.

April	May	June	July	August	September	October	November	December	No.
10,720,815	10,190,148								1
23,113,413	21,211,882								2
703,111	772,582								3
34,537,339	32,174,612								4
1,685,359	1,019,486								5
20,963,700	19,313,804								6
571,984	1,385,343								7
57,758,382	53,893,245								8
19,456,192	16,806,394								9
13,970,471	14,459,312								10
2,337	5,167								11
113	83								12
33,429,113	31,270,956								13
1,798,821	2,736,603								14
20,963,700	19,313,804								15
111,307	106,192								16
56,302,941	53,427,555								17
940,358	729,260								18
310,830	225,080								19
204,253	-488,650								20
57,758,382	53,893,245								21

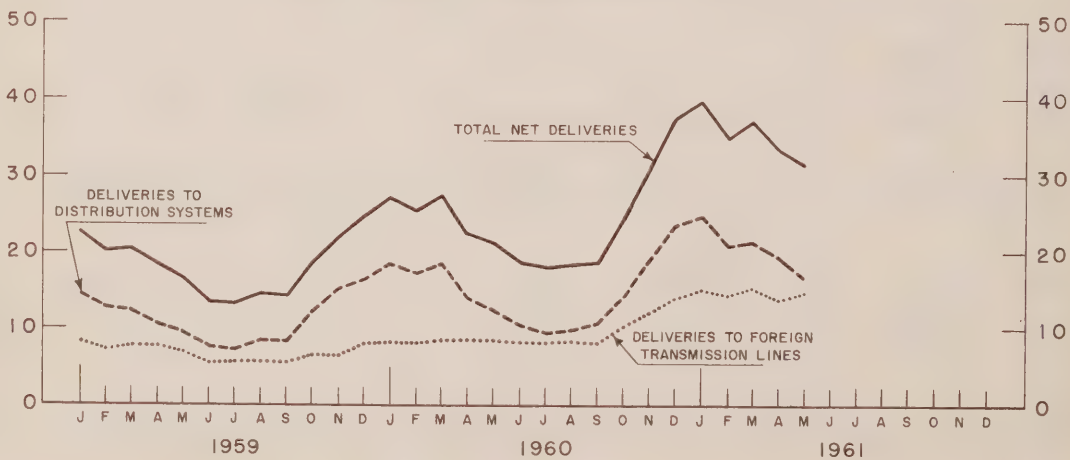
GAS PIPE LINE TRANSPORT
1959-61



NET DELIVERIES TO DISTRIBUTION SYSTEMS



NET DELIVERIES TO DISTRIBUTION SYSTEMS AND FOREIGN TRANSMISSION LINES



MONTHLY



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(DOMINION) BUREAU OF STATISTICS

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GAS PIPE LINE TRANSPORT

JUNE, 1961

Net deliveries of natural gas through Canadian pipe lines totalled 27,101,373 Mcf. in June, up 43.0 per cent from the total of 18,947,957 Mcf. recorded in June, 1960. Daily average sendout was 903,379 Mcf. as compared with 631,599 Mcf. Peak day deliveries, uncompensated(1), amounted to 1,207,070 Mcf. while the minimum deliveries of 718,225 was some 58.5 per cent less. Exports increased 55.9 per cent to 13,187,215 Mcf. from 8,460,935 Mcf. in the previous year. Net deliveries for the twelve month period ending June 30, 1961 were 352,321,622 Mcf.

Alberta accounted for the highest share of provincial receipts, 70.1 per cent while the greatest portion of deliveries, 32.8 per cent, was made in British Columbia.

Total Mcf. miles (not including Ontario Natural Gas Storage and Pipelines Ltd., calculations of which are not available due to the complexity of their operations) amounted to 29.7 billion or 677 million ton miles.

Total pipeline fuel amounted to 696,863 Mcf. during June while the line pack decreased by 272,294 Mcf.

Operating revenues for the first half of the year increased \$22,146,164 or 46.5 per cent to \$69,786,080 from \$47,639,916 in the same period last year.

Duplications in the statistics have occurred as a result of gas being obtained by pipe line transport companies from certain distribution companies, which had in turn originally received the gas from a pipeline transport company. These items are shown separately as "Transfers from Canadian transmission systems" and "Returned to transmission systems by distribution systems for re-delivery".

Gas volumes used in this report are given at a common base so that one cubic foot of gas contains 1,000 British thermal units at 14.73 pounds per square inch absolute and at 60°F. One Mcf. equals 1,000 cubic feet.

The gas pipe line transport industry is defined as that industry which is engaged in the transportation of natural gas, by pipe line, from natural gas fields or processing plants to local distribution systems. Companies included in this industry obtain the bulk of their revenue from the sale of gas to distribution companies for resale. Those companies that derive most of their revenue from the sale of gas to final consumers are classified as being in the Gas Distribution Industry.

Monthly reports of "Sales of Manufactured and Natural Gas" include summary data of receipts and deliveries of natural gas by transmission and distribution systems combined.

(1) Sum of deliveries on peak day for each of responding companies regardless of date of peak day delivery.

Prepared in the Public Utilities Section
Public Finance and Transportation Division

8506-503-61

TABLE 1. Natural Gas Transmission by Company

June, 1961

Mcf.

No.		Total June 1960	Total June 1961	The Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Mid- Continent Pipelines Ltd.
	<u>Natural gas received into transmission systems</u>					
1	From own gathering system or processing plants	7,832,072	8,611,067	-	-	-
2	From other gathering systems or processing plants	12,631,389	18,553,673	15,496,341	930,822	320,069
3	From foreign transmission lines	806,865	827,004	-	-	-
4	Total net receipts	21,270,326	27,991,744	...	...	...
5	From storage	460	1,105,848	-	-	-
6	Transfers from Canadian trans- mission systems	10,364,817	17,945,451	-	-	-
7	Returned to transmission systems by distribution systems for re-delivery.	1,459,246	2,102,051	-	-	-
8	Total gross receipts	33,094,849	49,145,094	15,496,341	930,822	320,069
	<u>Natural gas delivered out of transmission systems</u>					
9	To distribution systems	10,486,626	13,909,130	28,284	-	320,045
10	To foreign transmission lines	8,460,935	13,187,215	-	939,096	-
11	To industrial consumers	352	4,988	4,988	-	-
12	To others	44	40	-	40	-
13	Total net deliveries	18,947,957	27,101,373	...	...	...
14	To storage	3,424,649	3,322,353	-	-	-
15	Transfers to Canadian trans- mission systems	10,364,817	17,945,451	15,384,441	-	-
16	Re-delivered to distribution systems	91,457	94,933	-	-	-
17	Total gross deliveries	32,828,880	48,464,110	15,417,713	939,136	320,045
18	Pipeline fuel	297,322	696,863	229	-	-
19	Pipeline losses and metering differences	86,582	256,415	81,953	-7,886	-
20	Line pack fluctuations	-117,935	-272,294	-3,554	-428	24
21	Total disposition of gross receipts .	33,094,849	49,145,094	15,496,341	930,822	320,069

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Deliveries of Transmission Systems, by Province

June, 1961

Mcf.

No.		British Columbia	Alberta	Saskatchewan
	<u>Receipts</u>			
1	From gathering systems or processing plants	7,528,096	19,608,953	-
2	From foreign transmission lines	-	1,165	-
3	Total	7,528,096	19,610,118	-
	<u>Deliveries</u>			
4	To distribution systems or consumers ..	1,553,567	1,445,435	553,723
5	To foreign transmission lines	7,331,738	939,096	-
6	Total	8,885,305	2,106,999	553,723

TABLE 1. Natural Gas Transmission by Company

June, 1961

Mcf.

Niagara Gas Transmission Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans- Canada Pipe Lines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies	No.
-	-	48,809	-	7,247,243	1,315,015	1
-	27,691	13,507	-	1,664,018	101,225	2
-	825,839	-	-	-	1,165	3
...	...	...	...	...	...	4
-	1,105,848	-	-	-	-	5
-	1,644,134	-	16,301,317	-	-	6
94,933	1,722,203	-	284,915	-	-	7
94,933	5,325,715	62,316	16,586,232	8,911,261	1,417,405	8
-	1,033,054	62,165	9,562,057	1,491,405	1,412,123	9
-	-	-	4,916,381	7,331,738	-	10
-	-	-	-	-	-	11
-	-	-	-	-	-	12
...	...	...	...	...	...	13
-	3,322,353	-	-	-	-	14
-	916,876	-	1,644,134	-	-	15
94,933	-	-	-	-	-	16
94,933	5,272,283	62,162	16,122,572	8,823,143	1,412,123	17
-	34,197	-	511,100	151,337	-	18
-	19,235	154	156,847	682	5,430	19
-	-	-	-204,287	-63,901	-148	20
94,933	5,325,715	62,316	16,586,232	8,911,261	1,417,405	21

TABLE 2. Receipts and Deliveries of Transmission Systems, by Province

June, 1961

Mcf.

Manitoba	Ontario	Quebec	Total	No.
-	27,691	-	27,164,740	1
-	825,839	-	827,004	2
-	853,530	-	27,991,744	3
604,537	7,773,383	1,983,513	13,914,158	4
4,916,381	-	-	13,187,215	5
5,520,918	7,773,383	1,983,513	27,101,373	6

TABLE 3. Operating Statistics by Company

June, 1961

No.		Canada	The Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Mid- Continent Pipelines Ltd.	Niagara Gas Transmission Ltd.
	<u>Mcf. sendouts</u>					
	June, 1961					
1	Daily average	903,379	513,924	31,305	10,668	3,164
2	Maximum day	1,207,070(1)	599,778(2)	40,023	17,762	3,680
3	Minimum day	718,225(1)	279,986(2)	23,711	8,035	2,642
	June, 1960					
4	Daily average	631,599	287,653	34,556	-	3,049
5	Maximum day	774,583(1)	308,623(2)	38,902	-	-
	Year to date, 1961					
6	Daily average	1,126,020	551,965	45,146	27,375	2,161
	Year to date, 1960					
7	Daily average	788,117	335,091	47,207	16,518	2,539
	<u>Mcf. Miles</u>					
8	June, 1961 (000's miles)	29,666,579	2,485,543	14,698	272,880	-
	<u>Line Pack</u>					
9	Beginning of month Mcf.	4,903,947	608,246	3,910	148	..
10	End of month Mcf.	4,631,653	604,692	3,482	172	-
11	Net fluctuation Mcf.	-272,294	-3,554	-428	24	-
	<u>Operating revenues</u>					
12	1st quarter, 1961 \$	36,802,443	1,992,882	707,759	1,760	24,000
13	2nd quarter, 1961 \$	32,983,637	1,755,838	596,622	713	24,000
14	3rd quarter, 1961 \$					
15	4th quarter, 1961 \$					
16	Total to date \$	69,786,080	3,748,720	1,304,381	2,473	48,000
17	1st quarter, 1960 \$	25,996,622	1,352,975	758,129	918	6,000
18	2nd quarter, 1960 \$	21,643,294	1,061,209	581,753	132	6,000
19	3rd quarter, 1960 \$	20,431,152	1,737,253	442,014	-	6,000
20	4th quarter, 1960 \$	30,012,591	1,785,869	726,913	813	6,000
21	Total to date \$	98,083,659	5,937,306	2,508,809	1,863	24,000

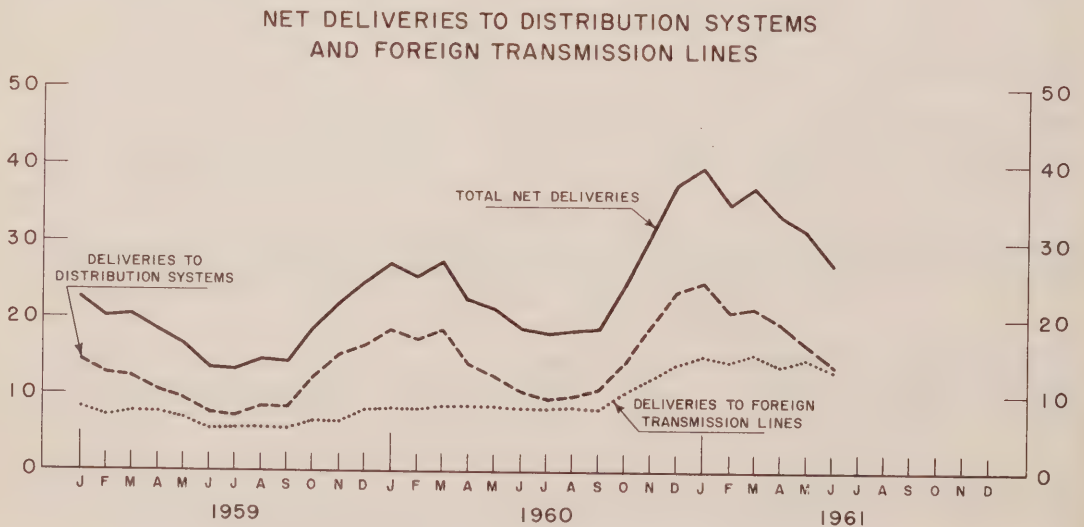
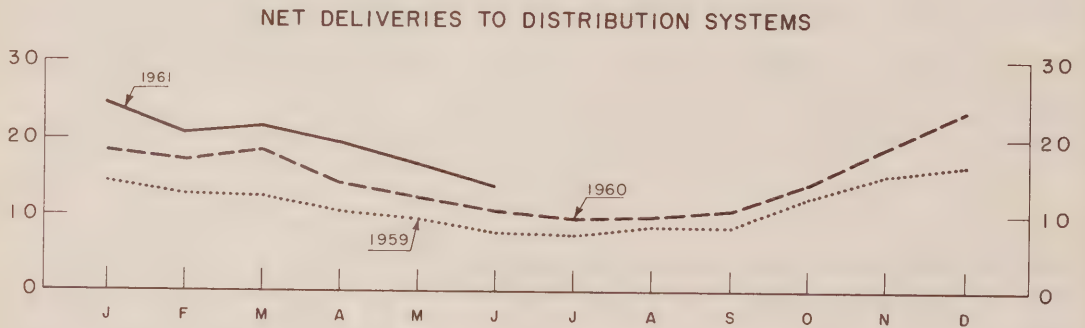
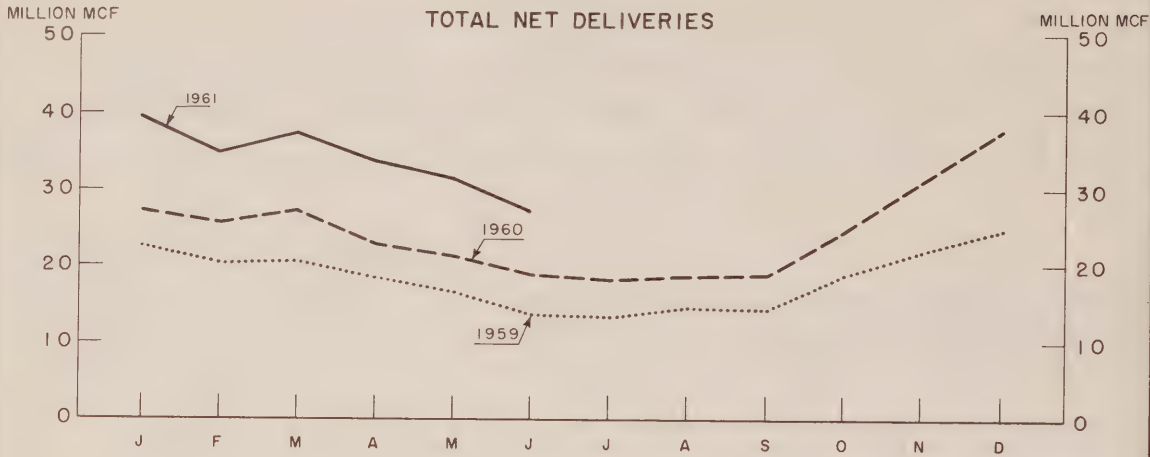
- (1) Uncompensated.
(2) Not included in total.
.. Figures not available.

TABLE 3. Operating Statistics by Company

June, 1961

Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans- Canada Pipe Lines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies	No.
64,998 150,697 24,723	2,039 2,686 1,531	537,419 608,103 366,392	294,105 322,826 265,998	47,071 61,293 25,193	1 2 3
28,597 39,672	2,249 3,160	282,132 313,169	292,095 314,179	49,810 65,501	4 5
114,594	4,132	600,883	332,705	68,898	6
91,715	3,501	324,392	302,480	64,688	7
-	793	20,705,871	5,598,378	588,416	8
110,000 110,000 -	.. - -	3,192,702 2,988,415 -204,287	974,733 910,832 -63,901	14,208 14,060 -148	9 10 11
5,496,305 3,702,605	95,556 61,301	19,970,458 18,795,813	8,257,869 7,839,281	255,854 207,464	12 13 14 15
9,198,910 4,538,655 2,252,653 1,644,348 3,680,802 12,116,458	156,857 83,468 49,119 47,736 80,927 261,250	38,766,271 12,137,695 10,858,803 9,975,649 16,184,359 49,156,506	16,097,150 6,867,457 6,637,052 6,394,914 7,347,994 27,247,417	463,318 251,325 196,573 183,238 198,914 830,050	16 17 18 19 20 21

GAS PIPE LINE TRANSPORT 1959-61





(DOMINION) BUREAU OF STATISTICS

OTTAWA - CANADA

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GAS PIPE LINE TRANSPORT

JULY, 1961

Net deliveries of natural gas through Canadian pipe lines totalled 25,473,326 Mcf. during July, up 40.8 per cent from the total of 18,092,390 Mcf. reported in July, 1960. Daily average sendout was 821,718 Mcf. as compared with 583,625 Mcf. Peak day deliveries, uncompensated(1), amounted to 1,166,771 Mcf. while the minimum day deliveries of 630,125 Mcf. were some 46.0 per cent less. Exports increased 55.8 per cent to 12,969,280 Mcf. from 8,324,211 Mcf. in the previous year. Net deliveries for the twelve month period ending July 31, 1961 were 359,702,639 Mcf.

Alberta continued to account for the highest share of provincial receipts, 68.2 per cent, while the greatest portion of deliveries, 34.1 per cent, was made in British Columbia.

Total Mcf. miles (not including Ontario Natural Gas Storage and Pipelines Ltd., calculations of which are not available due to the complexity of their operations) amounted to 26.8 billion or 611 million ton miles.

Total pipeline fuel amounted to 611,226 Mcf. during July while the line pack increased by 106,371 Mcf.

Gas volumes used in this report are given at a common base so that one cubic foot of gas contains 1,000 British thermal units at 14.73 pounds per square inch absolute and at 60°F. One Mcf. equals 1,000 cubic feet.

The gas pipe line transport industry is defined as that industry which is engaged in the transportation of natural gas, by pipe line, from natural gas fields or processing plants to local distribution systems. Companies included in this industry obtain the bulk of their revenue from the sale of gas to distribution companies for resale. Those companies that derive most of their revenue from the sale of gas to final consumers are classified as being in the Gas Distribution Industry.

Monthly reports of "Sales of Manufactured and Natural Gas" include summary data of receipts and deliveries of natural gas by transmission and distribution systems combined.

- (1) Sum of deliveries on peak day for each of responding companies regardless of date of peak day delivery.

Prepared in the Public Utilities Section
Public Finance and Transportation Division

8506-503-71

TABLE 3. Operating Statistics by Company

July, 1961

No.		Canada	The Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Mid- Continent Pipelines Ltd.	Niagara Gas Transmission Ltd.
	<u>Mcf. sendouts</u>					
	July, 1961					
1	Daily average	821,718	474,104	26,665	4,063	2,826
2	Maximum day	1,166,771(1)	600,840(2)	40,385	9,329	3,151
3	Minimum day	630,125(1)	251,302(2)	-	3,562	2,571
	July, 1960					
4	Daily average	583,625	267,833	29,230	-	3,647
5	Maximum day	731,270(1)	303,920(2)	32,902	-	3,765
	Year to date, 1961					
6	Daily average	1,081,523	540,480	42,005	23,966	2,259
	Year to date, 1960					
7	Daily average	758,215	305,302	44,590	16,518	2,700
	<u>Mcf. Miles</u>					
8	July, 1961 (000's miles)	26,814,685	2,426,030	11,337	107,380	53
	<u>Line Pack</u>					
9	Beginning of month Mcf.	4,631,653	604,692	3,482	172	-
10	End of month Mcf.	4,738,024	560,207	3,797	192	-
11	Net fluctuation Mcf.	106,371	-44,485	315	20	-
	<u>Operating revenues</u>					
12	1st quarter, 1961 \$	36,802,443	1,992,882	707,759	1,760	24,000
13	2nd quarter, 1961 \$	32,983,637	1,755,838	596,622	713	24,000
14	3rd quarter, 1961 \$					
15	4th quarter, 1961 \$					
16	Total to date \$	69,786,080	3,748,720	1,304,381	2,473	48,000
17	1st quarter, 1960 \$	25,996,622	1,352,975	758,129	918	6,000
18	2nd quarter, 1960 \$	21,643,294	1,061,209	581,753	132	6,000
19	3rd quarter, 1960 \$	20,431,152	1,737,253	442,014	-	6,000
20	4th quarter, 1960 \$	30,012,591	1,785,869	726,913	813	6,000
21	Total to date \$	98,083,659	5,937,306	2,508,809	1,863	24,000

- (1) Uncompensated.
(2) Not included in total.
.. Figures not available.

TABLE 3. Operating Statistics by Company

July, 1961

Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans- Canada Pipe Lines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies	No.
71,746	1,890	497,436	278,298	42,573	1
137,679	2,178	587,398	319,736	66,915	2
18,569	1,635	334,925	244,730	24,133	3
21,753	1,739	262,231	276,165	47,234	4
28,788	2,151	298,944	299,908	64,812	5
108,329	3,804	585,757	324,750	65,049	6
81,532	3,245	315,346	298,650	62,190	7
..	973	18,409,687	5,575,198	284,027	8
110,000	-	2,988,415	910,832	14,060	9
110,000	-	3,094,216	955,581	14,031	10
-	-	105,801	44,749	-29	11
5,496,305	95,556	19,970,458	8,257,869	255,854	12
3,702,605	61,301	18,795,813	7,839,281	207,464	13
					14
					15
9,198,910	156,857	38,766,271	16,097,150	463,318	16
4,538,655	83,468	12,137,695	6,867,457	251,325	17
2,252,653	49,119	10,858,803	6,637,052	196,573	18
1,644,348	47,736	9,975,649	6,394,914	183,238	19
3,680,802	80,927	16,184,359	7,347,994	198,914	20
12,116,458	261,250	49,156,506	27,247,417	830,050	21

TABLE 4. Natural Gas Transmission by Month

July, 1961

Mcf.

No.		Year to date		January	February	March
		1960	1961			
<u>Natural gas received into transmission systems</u>						
1	From own gathering system or other processing plants	58,164,033	69,538,931	10,214,953	9,826,133	11,374,343
2	From other gathering systems or processing plants	104,822,591	158,024,542	27,378,303	25,070,481	25,556,307
3	From foreign transmission lines	3,205,838	3,227,830	10,208	8,671	7,719
4	Total net receipts	166,192,462	230,791,303	37,603,464	34,905,285	36,938,369
5	From storage	6,742,380	16,251,539	5,071,021	2,947,163	3,037,551
6	Transfers from Canadian transmission systems	79,342,218	138,705,684	20,729,798	19,997,934	22,021,273
7	Returned to transmission systems by distribution systems for re-delivery	5,285,007	7,152,275	409,895	329,840	332,563
8	Total gross receipts	257,562,067	392,900,801	63,814,178	58,180,222	62,329,756
<u>Natural gas delivered out of transmission systems</u>						
9	To distribution systems	101,338,870	129,578,156	24,707,148	20,679,907	21,520,661
10	To foreign transmission lines	59,375,490	99,681,103	15,023,211	14,283,852	15,787,681
11	To industrial consumers	26,507	23,087	-	630	4,677
12	To others	782	752	163	178	141
13	Total net deliveries	160,741,649	229,283,098	39,730,522	34,964,567	37,313,160
14	To storage	11,270,862	13,490,447	-	803,723	1,397,462
15	Transfer to Canadian transmission systems	79,342,218	138,705,684	20,729,798	19,997,934	22,021,273
16	Re-delivered to distribution systems	3,433,753	4,067,227	2,169,055	924,000	574,131
17	Total gross deliveries	254,788,482	385,546,456	62,629,375	56,690,224	61,306,026
18	Pipeline fuel	2,372,967	5,908,678	937,806	977,756	1,015,409
19	Pipeline losses and metering differences	885,928	1,531,330	120,648	106,846	175,409
20	Line pack fluctuations	-485,310	-85,663	126,349	405,396	-167,088
21	Total disposition of gross receipts	257,562,067	392,900,801	63,814,178	58,180,222	62,329,756

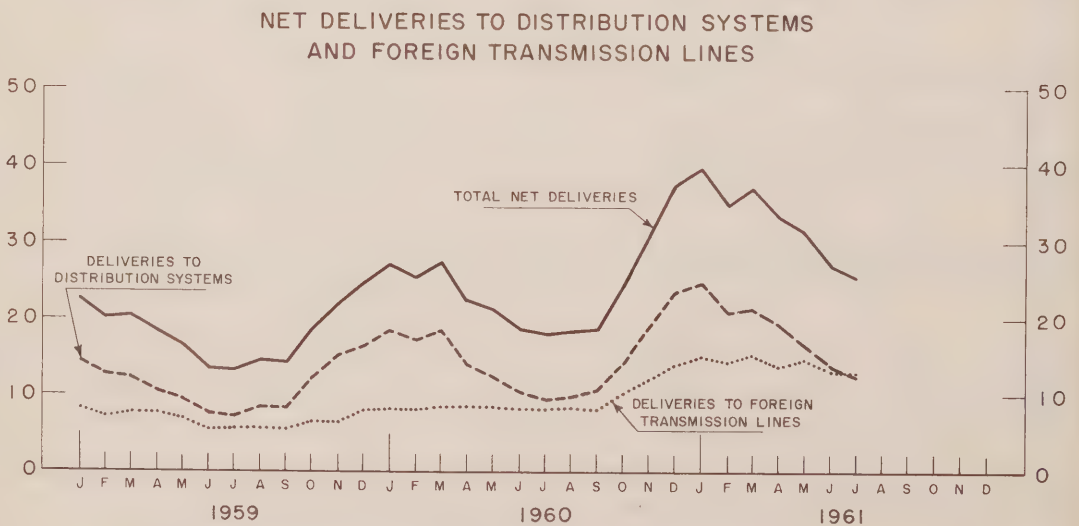
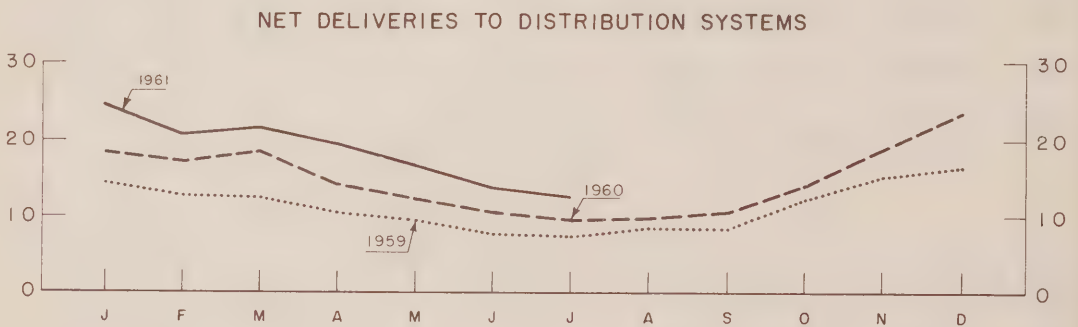
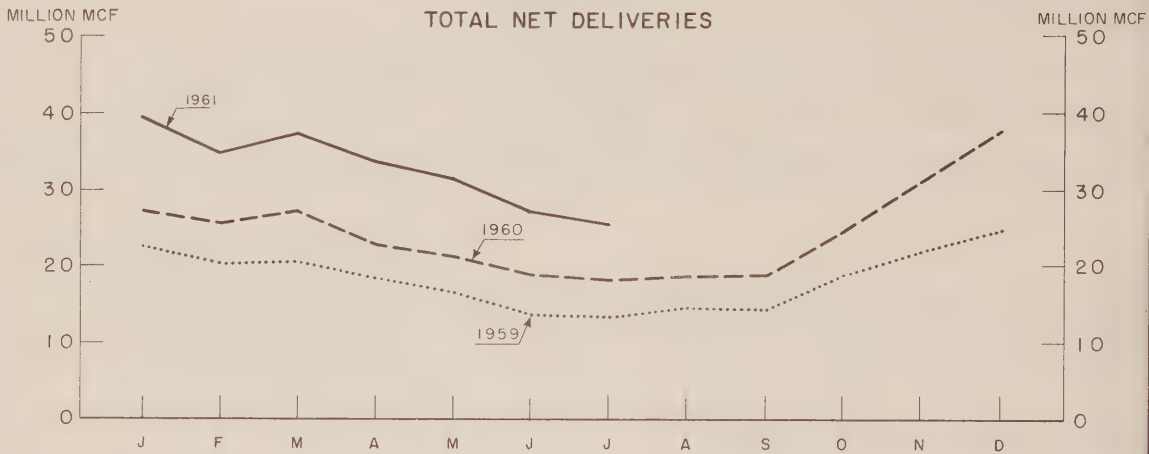
TABLE 4. Natural Gas Transmission by Month

July, 1961

Mcf.

April	May	June	July	August	September	October	November	December	No.
10,720,815	10,190,148	8,611,148	8,601,391						1
23,113,413	21,211,882	18,553,673	17,140,483						2
703,111	772,582	827,004	898,535						3
34,537,339	32,174,612	27,991,825	26,640,409						4
1,685,359	1,019,486	1,105,848	1,385,111						5
20,963,700	19,313,804	17,945,451	17,733,724						6
571,984	1,385,343	2,102,051	2,020,599						7
57,758,382	53,893,245	49,145,175	47,779,843						8
19,456,192	16,806,394	13,909,130	12,498,724						9
13,970,471	14,459,312	13,187,296	12,969,280						10
2,337	5,167	4,988	5,288						11
113	83	40	34						12
33,429,113	31,270,956	27,101,454	25,473,326						13
1,798,821	2,736,603	3,322,353	3,431,485						14
20,963,700	19,313,804	17,945,451	17,733,724						15
111,307	106,192	94,933	87,609						16
56,302,941	53,427,555	48,464,191	46,726,144						17
940,358	729,260	696,863	611,226						18
310,830	225,080	256,415	336,102						19
204,253	-488,650	-272,294	106,371						20
57,758,382	53,893,245	49,145,175	47,779,843						21

GAS PIPE LINE TRANSPORT 1959-61





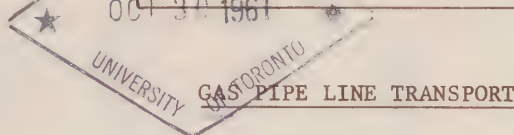
DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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AUGUST, 1961

Canadian transmission lines increased their net deliveries of natural gas during August by 44.1 per cent to a total of 26,718,373 Mcf. from 18,537,691 Mcf. recorded one year earlier. Daily average sendout was 861,883 Mcf. per day compared with 597,990 Mcf. in August, 1960. For the nine months ended August 31, 1961, net deliveries increased 42.8 per cent to 256,001,471 Mcf. from 179,279,340 Mcf. Net deliveries for the twelve month period were 367,883,321 Mcf.

Exports increased 41.5 per cent this month to 12,085,446 Mcf. from 8,538,333 Mcf. in August 1960.

Alberta maintained the greatest share of receipts, 70.9 per cent, while the highest portion of provincial deliveries, 32.9 per cent, was made in British Columbia.

Total Mcf. miles amounted to 33.5 billion or 764 million ton miles.

Total pipeline fuel amounted to 837,277 Mcf. during August, while the line pack increased by 92,333 Mcf.

Peak day deliveries, uncompensated⁽¹⁾, amounted to 1,084,450 Mcf. while minimum deliveries of 784,954 Mcf. were some 27.6 per cent less.

Gas volumes used in this report are given at a common base so that one cubic foot of gas contains 1,000 British thermal units at 14.73 pounds per square inch absolute and at 60°F. One Mcf. equals 1,000 cubic feet.

The gas pipe line transport industry is defined as that industry which is engaged in the transportation of natural gas, by pipe line, from natural gas fields or processing plants to local distribution systems. Companies included in this industry obtain the bulk of their revenue from the sale of gas to distribution companies for resale. Those companies that derive most of their revenue from the sale of gas to final consumers are classified as being in the Gas Distribution Industry.

Monthly reports of "Sales of Manufactured and Natural Gas" include summary data of receipts and deliveries of natural gas by transmission and distribution systems combined.

(1) Sum of deliveries on peak day for each of responding companies regardless of date of peak day delivery.

Prepared in the Public Utilities Section
Public Finance and Transportation Division

TABLE 1. Natural Gas Transmission by Company

August, 1961

Mcf.

No.		Total August 1960	Total August 1961	The Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Mid- Continent Pipelines Ltd.
	<u>Natural gas received into transmission systems</u>					
1	From own gathering system or processing plants	8,073,525	9,202,012	-	-	-
2	From other gathering systems or processing plants	11,609,828	19,819,130	17,503,404	711,004	120,566
3	From foreign transmission lines	824,972	900,449	-	-	-
4	Total net receipts	20,508,325	29,921,591	...	...	...
5	From storage	-	8,696	-	-	-
6	Transfers from Canadian transmission systems	8,628,085	19,919,705	-	-	-
7	Returned to transmission systems by distribution systems for re-delivery.	527,201	2,614,714	-	-	-
8	Total gross receipts	29,663,611	52,464,706	17,503,404	711,004	120,566
	<u>Natural gas delivered out of transmission systems</u>					
9	To distribution systems	9,976,836	14,627,730	21,155	-	120,578
10	To foreign transmission lines	8,538,333	12,085,446	-	714,095	-
11	To industrial consumers	22,481	5,171	5,171	-	-
12	To others	41	26	-	26	-
13	Total net deliveries	18,537,691	26,718,373	...	...	...
14	To storage	1,902,659	4,615,877	-	-	-
15	Transfers to Canadian transmission systems	8,628,085	19,919,705	17,351,154	-	-
16	Re-delivered to distribution systems	102,429	90,350	-	-	-
17	Total gross deliveries	29,170,864	51,344,305	17,377,480	714,121	120,578
18	Pipeline fuel	295,278	837,277	192	-	-
19	Pipeline losses and metering differences	123,466	190,791	79,682	-2,899	-
20	Line pack fluctuations	74,003	92,333	46,050	-218	-12
21	Total disposition of gross receipts .	29,663,611	52,464,706	17,503,404	711,004	120,566

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Deliveries of Transmission Systems, by Province

August, 1961

Mcf.

No.		British Columbia	Alberta	Saskatchewan
	<u>Receipts</u>			
1	From gathering systems or processing plants	7,800,095	21,209,559	-
2	From foreign transmission lines	-	1,095	-
3	Total	7,800,095	21,210,654	-
	<u>Deliveries</u>			
4	To distribution systems or consumers ..	1,478,139	1,900,554	227,904
5	To foreign transmission lines	7,315,369	714,149	-
6	Total	8,793,508	2,614,703	227,904

TABLE 1. Natural Gas Transmission by Company

August, 1961

Mcf.

Niagara Gas Transmission Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans- Canada Pipe Lines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies	No.
-	-	59,434	-	7,563,427	1,579,151	1
-	11,488	-	-	1,318,225	154,443	2
-	899,354	-	-	-	1,095	3
...	...	...	...	...	...	4
-	8,696	-	-	-	-	5
-	2,568,551	-	17,351,154	-	-	6
90,350	2,257,407	-	266,957	-	-	7
90,350	5,745,496	59,434	17,618,111	8,881,652	1,734,689	8
-	1,147,278	59,279	10,106,956	1,418,860	1,753,624	9
-	-	-	4,055,928	7,315,369	54	10
-	-	-	-	-	-	11
-	-	-	-	-	-	12
...	...	...	...	...	...	13
-	4,615,877	-	-	-	-	14
-	-	-	2,568,551	-	-	15
90,350	-	-	-	-	-	16
90,350	5,763,155	59,279	16,731,435	8,734,229	1,753,678	17
-	30,647	-	670,300	136,138	-	18
-	-48,306	155	162,273	18,595	-18,709	19
-	-	-	54,103	-7,310	-280	20
90,350	5,745,496	59,434	17,618,111	8,881,652	1,734,689	21

TABLE 2. Receipts and Deliveries of Transmission Systems, by Province

August, 1961

Mcf.

Manitoba	Ontario	Quebec	Total	No.
-	11,488	-	29,021,142	1
-	899,354	-	900,449	2
-	910,842	-	29,921,591	3
1,127,358	7,885,750	2,013,222	14,632,927	4
4,055,928	-	-	12,085,446	5
5,183,286	7,885,750	2,013,222	26,718,373	6

TABLE 3. Operating Statistics by Company

August, 1961

No.		Canada	The Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Mid- Continent Pipelines Ltd.	Niagara Gas Transmission Ltd.
	<u>Mcf. sendouts</u>					
	August, 1961					
1	Daily average	861,883	560,564	23,036	10,048	2,915
2	Maximum day	1,084,450(1)	607,402(2)	30,002	18,094	3,152
3	Minimum day	784,954(1)	488,293(2)	11,585	4,820	2,579
	August, 1960					
4	Daily average	597,990	240,504	30,700	-	3,304
5	Maximum day	815,161(1)	308,449(2)	43,972	-	3,823
	Year to date, 1961					
6	Daily average	1,053,504	543,129	39,585	23,221	2,342
	Year to date, 1960					
7	Daily average	737,775	314,529	42,826	16,518	2,777
	<u>Mcf. Miles</u>					
8	August, 1961..... (000's miles)	33,455,623	2,916,051	10,728	102,808	45
	<u>Line Pack</u>					
9	Beginning of month Mcf.	4,738,584	560,207	3,797	192	..
10	End of month Mcf.	4,830,917	606,257	3,579	180	..
11	Net fluctuation Mcf.	92,333	46,050	-218	-12	..
	<u>Operating revenues</u>					
12	1st quarter, 1961 \$	36,802,443	1,992,882	707,759	1,760	24,000
13	2nd quarter, 1961 \$	32,983,637	1,755,838	596,622	713	24,000
14	3rd quarter, 1961 \$					
15	4th quarter, 1961 \$					
16	Total to date \$	69,786,080	3,748,720	1,304,381	2,473	48,000
17	1st quarter, 1960 \$	25,996,622	1,352,975	758,129	918	6,000
18	2nd quarter, 1960 \$	21,643,294	1,061,209	581,753	132	6,000
19	3rd quarter, 1960 \$	20,431,152	1,737,253	442,014	-	6,000
20	4th quarter, 1960 \$	30,012,591	1,785,869	726,913	813	6,000
21	Total to date \$	98,083,659	5,937,306	2,508,809	1,863	24,000

- (1) Uncompensated.
(2) Not included in total.
.. Figures not available.

TABLE 3. Operating Statistics by Company

August, 1961

Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans- Canada Pipe Lines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies	No.
37,009	1,912	539,723	281,749	56,570	1
55,108	2,283	600,576	306,149	69,086	2
16,911	1,601	471,164	239,548	36,746	3
28,505	1,911	228,385	284,376	61,933	4
111,286	2,808	289,137	293,522	70,613	5
99,230	3,567	579,884	319,264	63,960	6
74,795	3,075	304,297	296,837	62,153	7
..	951	23,900,203	5,953,127	571,710	8
110,000	..	3,094,216	955,581	14,591	9
110,000	..	3,148,319	948,271	14,311	10
-	..	54,103	-7,310	-280	11
5,496,305	95,556	19,970,458	8,257,869	255,854	12
3,702,605	61,301	18,795,813	7,839,281	207,464	13
					14
					15
9,198,910	156,857	38,766,271	16,097,150	463,318	16
4,538,655	83,468	12,137,695	6,867,457	251,325	17
2,252,653	49,119	10,858,803	6,637,052	196,573	18
1,644,348	47,736	9,975,649	6,394,914	183,238	19
3,680,802	80,927	16,184,359	7,347,994	198,914	20
12,116,458	261,250	49,156,506	27,247,417	830,050	21

TABLE 4. Natural Gas Transmission by Month

No.		Mcf.				
		Year to date		January	February	March
		1960	1961			
	<u>Natural gas received into transmission systems</u>					
1	From own gathering system or other processing plants	66,237,558	78,740,943	10,214,953	9,826,133	11,374,343
2	From other gathering systems or processing plants	116,432,419	177,843,672	27,378,303	25,070,481	25,556,307
3	From foreign transmission lines	4,030,810	4,128,279	10,208	8,671	7,719
4	Total net receipts	186,700,787	260,712,894	37,603,464	34,905,285	36,938,369
5	From storage	6,742,380	16,260,235	5,071,021	2,947,163	3,037,551
6	Transfers from Canadian transmission systems	87,970,303	158,625,389	20,729,798	19,997,934	22,021,273
7	Returned to transmission systems by distribution systems for re-delivery	5,812,208	9,766,989	409,895	329,840	332,563
8	Total gross receipts	287,225,678	445,365,507	63,814,178	58,180,222	62,329,756
	<u>Natural gas delivered out of transmission systems</u>					
9	To distribution systems	111,315,706	144,205,886	24,707,148	20,679,907	21,520,661
10	To foreign transmission lines	67,913,823	111,766,549	15,023,211	14,283,852	15,787,681
11	To industrial consumers	48,988	28,258	-	630	4,677
12	To others	823	778	163	178	141
13	Total net deliveries	179,279,340	256,001,471	39,730,522	34,964,567	37,313,160
14	To storage	13,173,521	18,106,324	-	803,723	1,397,462
15	Transfers to Canadian transmission systems	87,970,303	158,625,389	20,729,798	19,997,934	22,021,273
16	Re-delivered to distribution systems	3,536,182	4,157,577	2,169,055	924,000	574,131
17	Total gross deliveries	283,959,346	436,890,761	62,629,375	56,690,224	61,306,026
18	Pipeline fuel	2,668,245	6,745,955	937,806	977,756	1,015,409
19	Pipeline losses and metering differences	1,009,394	1,722,121	120,648	106,846	175,409
20	Line pack fluctuations	-411,307	6,670	126,349	405,396	-167,088
21	Total disposition of gross receipts	287,225,678	445,365,507	63,814,178	58,180,222	62,329,756

TABLE 4. Natural Gas Transmission by Month

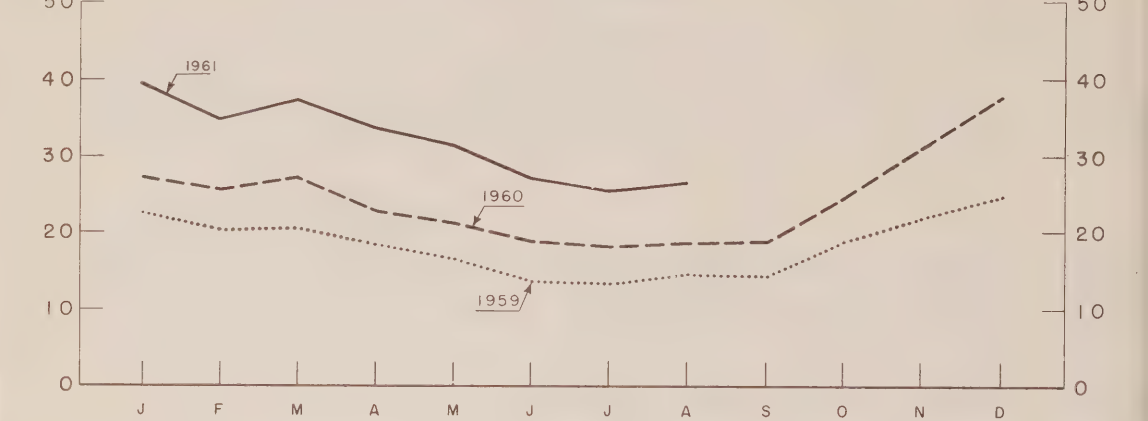
Mcf.									No.
April	May	June	July	August	September	October	November	December	
10,720,815	10,190,148	8,611,148	8,601,391	9,202,012					1
23,113,413	21,211,882	18,553,673	17,140,483	19,819,130					2
703,111	772,582	827,004	898,535	900,449					3
34,537,339	32,174,612	27,991,825	26,640,409	29,921,591					4
1,685,359	1,019,486	1,105,848	1,385,111	8,696					5
20,963,700	19,313,804	17,945,451	17,733,724	19,919,705					6
571,984	1,385,343	2,102,051	2,020,599	2,614,714					7
57,758,382	53,893,245	49,145,175	47,779,843	52,464,706					8
19,456,192	16,806,394	13,909,130	12,498,724	14,627,730					9
13,970,471	14,459,312	13,187,296	12,969,280	12,085,446					10
2,337	5,167	4,988	5,288	5,171					11
113	83	40	34	26					12
33,429,113	31,270,956	27,101,454	25,473,326	26,718,373					13
1,798,821	2,736,603	3,322,353	3,431,485	4,615,877					14
20,963,700	19,313,804	17,945,451	17,733,724	19,919,705					15
111,307	106,192	94,933	87,609	90,350					16
56,302,941	53,427,555	48,464,191	46,726,144	51,344,305					17
940,358	729,260	696,863	611,226	837,277					18
310,830	225,080	256,415	336,102	190,791					19
204,253	-488,650	-272,294	106,371	92,333					20
57,758,382	53,893,245	49,145,175	47,779,843	52,464,706					21

GAS PIPE LINE TRANSPORT 1959-61

MILLION MCF
50

TOTAL NET DELIVERIES

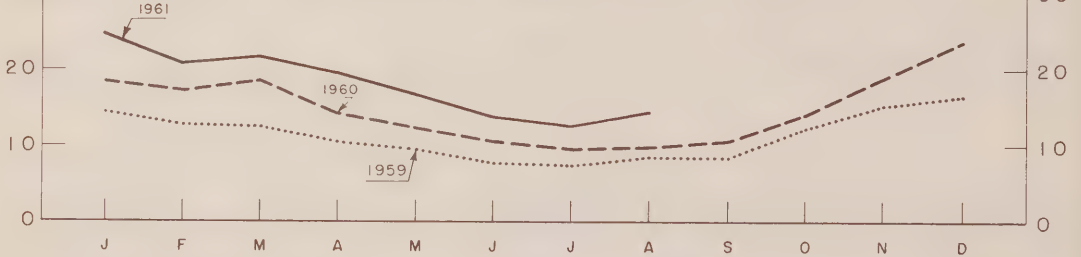
MILLION MCF
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NET DELIVERIES TO DISTRIBUTION SYSTEMS

30

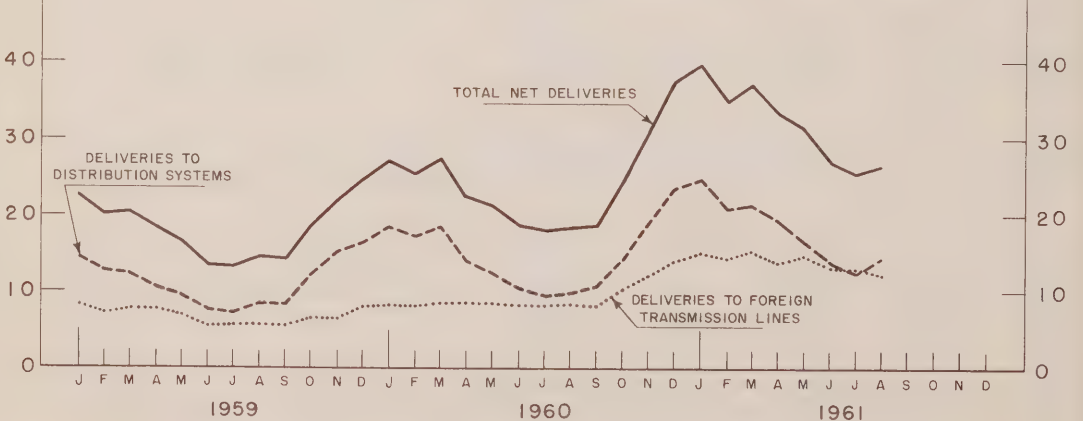
30



NET DELIVERIES TO DISTRIBUTION SYSTEMS AND FOREIGN TRANSMISSION LINES

50

50





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GAS PIPE LINE TRANSPORT

SEPTEMBER, 1961

Net deliveries of natural gas through Canadian pipe lines totalled 26,522,419 Mcf. in September, up 40.9 per cent from the total of 18,826,214 Mcf. recorded in September, 1960. Daily average sendout was 884,081 Mcf. as compared with 627,540 Mcf. Peak day deliveries, uncompensated(1), amounted to 1,216,904 Mcf. while the minimum day deliveries of 814,436 Mcf. were 33.1 per cent less. Exports increased 48.0 per cent to 12,030,665 Mcf. from 8,130,321 Mcf. in the previous year. Net deliveries for the twelve month period ending September 30, were 375,868,049 Mcf.

Alberta continued to maintain the highest provincial receipts, 71.4 per cent, while the greater share of deliveries, 35.5 per cent, was made in British Columbia.

Total Mcf. miles amounted to 31.8 billion or 726 million ton miles.

Pipeline fuel amounted to 786,658 Mcf. during September, while line pack decreased to 3,840 Mcf.

Operating revenues for the third quarter increased \$10,640,939 or 52.1 per cent to \$31,072,091 from \$20,431,152 in the same period last year.

Gas volumes used in this report are given at a common base so that one cubic foot of gas contains 1,000 British thermal units at 14.73 pounds per square inch absolute and at 60°F. One Mcf. equals 1,000 cubic feet.

The gas pipe line transport industry is defined as that industry which is engaged in the transportation of natural gas, by pipe line, from natural gas fields or processing plants to local distribution systems. Companies included in this industry obtain the bulk of their revenue from the sale of gas to distribution companies for resale. Those companies that derive most of their revenue from the sale of gas to final consumers are classified as being in the Gas Utilities (Distribution) Industry.

Monthly reports of "Sales of Manufactured and Natural Gas" include summary data of receipts and deliveries of natural gas by transmission and distribution systems combined.

(1) Sum of deliveries on peak day for each of responding companies regardless of date of peak day delivery.

Prepared in the Public Utilities Section
Public Finance and Transportation Division

TABLE 1. Natural Gas Transmission by Company

September, 1961

Mcf.

No.		Total September 1960	Total September 1961	The Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Mid- Continent Pipelines Ltd.
	<u>Natural gas received into transmission systems</u>					
1	From own gathering system or processing plants	8,100,732	9,692,837	-	-	-
2	From other gathering systems or processing plants	13,056,712	20,202,400	16,968,264	845,549	523,268
3	From foreign transmission lines	808,117	798,627	-	-	-
4	Total net receipts	21,965,561	30,693,864	...	...	...
5	From storage	-	-	-	-	-
6	Transfers from Canadian trans- mission systems	11,331,976	20,468,920	-	-	-
7	Returned to transmission systems by distribution systems for re-delivery.	112,278	343,856	-	-	-
8	Total gross receipts	33,409,815	51,506,640	16,968,264	845,549	523,268
	<u>Natural gas delivered out of transmission systems</u>					
9	To distribution systems	10,687,343	14,487,124	56,016	-	523,296
10	To foreign transmission lines	8,130,321	12,030,665	-	846,018	-
11	To industrial consumers	8,503	4,573	4,573	-	-
12	To others	47	57	-	57	-
13	Total net deliveries	18,826,214	26,522,419	...	...	...
14	To storage	2,203,095	3,189,439	-	-	-
15	Transfers to Canadian trans- mission systems	11,331,976	20,468,920	16,686,086	-	-
16	Re-delivered to distribution systems	112,278	95,718	-	-	-
17	Total gross deliveries	32,473,563	50,276,496	16,746,675	846,075	523,296
18	Pipeline fuel	307,910	786,658	412	-	-
19	Pipeline losses and metering differences	146,715	439,646	202,999	-1,593	-
20	Line pack fluctuations	481,627	3,840	18,178	1,067	-28
21	Total disposition of gross receipts .	33,409,815	51,506,640	16,968,264	845,549	523,268

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Deliveries of Transmission Systems, by Province

Mcf.

No.		British Columbia	Alberta	Saskatchewan
	<u>Receipts</u>			
1	From gathering systems or processing plants	7,973,940	21,913,194	-
2	From foreign transmission lines	-	4,431	-
3	Total	7,973,940	21,917,625	-
	<u>Deliveries</u>			
4	To distribution systems or consumers ..	1,937,169	2,113,834	741,652
5	To foreign transmission lines	7,491,331	846,085	-
6	Total	9,428,500	2,959,919	741,652

TABLE 1. Natural Gas Transmission by Company

September, 1961

Mcf.

Niagara Gas Transmission Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans- Canada Pipe Lines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies	No.
-	-	87,867	-	7,707,120	1,897,850	1
-	8,103	-	-	1,708,287	148,929	2
-	794,196	-	-	-	4,431	3
...	...	...	...	...	...	4
-	-	-	-	-	-	5
-	3,782,834	-	16,686,086	-	-	6
95,718	-	-	248,138	-	-	7
95,718	4,585,133	87,867	16,934,224	9,415,407	2,051,210	8
-	1,369,610	86,759	8,547,845	1,850,410	2,053,188	9
-	-	-	3,693,249	7,491,331	67	10
-	-	-	-	-	-	11
-	-	-	-	-	-	12
...	...	...	...	...	...	13
-	3,189,439	-	-	-	-	14
-	-	-	3,782,834	-	-	15
95,718	-	-	-	-	-	16
95,718	4,559,049	86,759	16,023,928	9,341,741	2,053,255	17
-	28,298	-	575,517	182,431	-	18
-	-2,214	1,108	335,268	-93,932	-1,990	19
-	-	-	-489	-14,833	-55	20
95,718	4,585,133	87,867	16,934,224	9,415,407	2,051,210	21

TABLE 2. Receipts and Deliveries of Transmission Systems, by Province

Mcf.

Manitoba	Ontario	Quebec	Total	No.
-	8,103	-	29,895,237	1
-	794,196	-	798,627	2
-	802,299	-	30,693,864	3
1,442,595	6,352,722	1,903,782	14,491,754	4
3,693,249	-	-	12,030,665	5
5,135,844	6,352,722	1,903,782	26,522,419	6

TABLE 3. Operating Statistics by Company

September, 1961

No.		Canada	The Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Mid- Continent Pipelines Ltd.	Niagara Gas Transmission Ltd.
	<u>Mcf. sendouts</u>					
	September, 1961					
1	Daily average	884,081	558,222	28,203	17,442	3,191
2	Maximum day	1,216,904(1)	632,312(2)	45,875	23,203	3,944
3	Minimum day	814,436(1)	301,774(2)	1,073	11,280	2,545
	September, 1960					
4	Daily average	627,540	308,788	32,682	-	3,743
5	Maximum day	847,926(1)	385,401(2)	55,360	-	4,006
	Year to date, 1961					
6	Daily average	998,318	585,081	38,334	20,970	2,436
	Year to date, 1960					
7	Daily average	729,800	313,900	41,715	16,518	2,882
	<u>Mcf. Miles</u>					
8	September, 1961 ... (000's miles)	31,845,848	2,843,051	14,529	446	-
	<u>Line Pack</u>					
9	Beginning of month Mcf.	4,830,917	606,257	3,579	180	..
10	End of month Mcf.	4,834,757	624,435	4,646	152	..
11	Net fluctuation Mcf.	3,840	18,178	1,067	-28	..
	<u>Operating revenues</u>					
12	1st quarter, 1961 \$	36,802,443	1,992,882	707,759	1,760	24,000
13	2nd quarter, 1961 \$	32,983,637	1,755,838	596,622	713	24,000
14	3rd quarter, 1961 \$	31,072,091	2,552,129	373,266	387	24,000
15	4th quarter, 1961 \$					
16	Total to date \$	100,858,171	6,300,849	1,677,647	2,860	72,000
17	1st quarter, 1960 \$	25,996,622	1,352,975	758,129	918	6,000
18	2nd quarter, 1960 \$	21,643,294	1,061,209	581,753	132	6,000
19	3rd quarter, 1960 \$	20,431,152	1,737,253	442,014	-	6,000
20	4th quarter, 1960 \$	30,012,591	1,785,869	726,913	813	6,000
21	Total to date \$	98,083,659	5,937,306	2,508,809	1,863	24,000

(1) Uncompensated.

(2) Not included in total.

.. Figures not available.

TABLE 3. Operating Statistics by Company

September, 1961

Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans- Canada Pipe Lines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies	No.
45,654	2,892	534,131	311,391	68,442	1
71,097	3,654	645,128	344,554	79,449	2
27,370	2,187	451,374	273,420	45,187	3
34,325	2,429	287,535	274,541	64,973	4
51,301	3,092	355,877	307,282	71,008	5
98,461	3,489	574,860	318,399	64,459	6
70,364	3,005	302,462	294,396	62,460	7
484,911	1,114	22,501,759	5,936,143	63,895	8
110,000	..	3,148,319	948,271	14,311	9
110,000	..	3,147,830	933,438	14,256	10
-	..	-489	-14,833	-55	11
5,496,305	95,556	19,970,458	8,257,869	255,854	12
3,702,605	61,301	18,795,813	7,839,281	207,464	13
2,770,663	52,474	17,530,908	7,588,778	179,486	14
					15
11,969,573	209,331	56,297,179	23,685,928	642,804	16
4,538,655	83,468	12,137,695	6,867,457	251,325	17
2,252,653	49,119	10,858,803	6,637,052	196,573	18
1,644,348	47,736	9,975,649	6,394,914	183,238	19
3,680,802	80,927	16,184,359	7,347,994	198,914	20
12,116,458	261,250	49,156,506	27,247,417	830,050	21

TABLE 4. Natural Gas Transmission by Month

September, 1961

Mcf.

No.		Year to date		January	February	March
		1960	1961			
	<u>Natural gas received into transmission systems</u>					
1	From own gathering system or other processing plants	74,338,290	88,433,780	10,214,953	9,826,133	11,374,343
2	From other gathering systems or processing plants	129,489,131	198,046,072	27,378,303	25,070,481	25,556,307
3	From foreign transmission lines	4,838,927	4,926,906	10,208	8,671	7,719
4	Total net receipts	208,666,348	291,406,758	37,603,464	34,905,285	36,938,369
5	From storage	6,742,380	16,260,235	5,071,021	2,947,163	3,037,551
6	Transfers from Canadian transmission systems	99,302,279	179,094,309	20,729,798	19,997,934	22,021,273
7	Returned to transmission systems by distribution systems for re-delivery	5,924,486	10,110,845	409,895	329,840	332,563
8	Total gross receipts	320,635,493	496,872,147	63,814,178	58,180,222	62,329,756
	<u>Natural gas delivered out of transmission systems</u>					
9	To distribution systems	122,003,049	158,693,010	24,707,148	20,679,907	21,520,661
10	To foreign transmission lines	76,044,144	123,797,214	15,023,211	14,283,852	15,787,681
11	To industrial consumers	57,491	32,831	-	630	4,677
12	To others	870	835	163	178	141
13	Total net deliveries	198,105,554	282,523,890	39,730,522	34,964,567	37,313,160
14	To storage	15,376,616	21,295,763	-	803,723	1,397,462
15	Transfers to Canadian transmission systems	99,302,279	179,094,309	20,729,798	19,997,934	22,021,273
16	Re-delivered to distribution systems	3,648,460	4,253,295	2,169,055	924,000	574,131
17	Total gross deliveries	316,432,909	487,167,257	62,629,375	56,690,224	61,306,026
18	Pipeline fuel	2,976,155	7,532,613	937,806	977,756	1,015,409
19	Pipeline losses and metering differences	1,156,109	2,161,767	120,648	106,846	175,409
20	Line pack fluctuations	70,320	10,510	126,349	405,396	-167,088
21	Total disposition of gross receipts	320,635,493	496,872,147	63,814,178	58,180,222	62,329,756

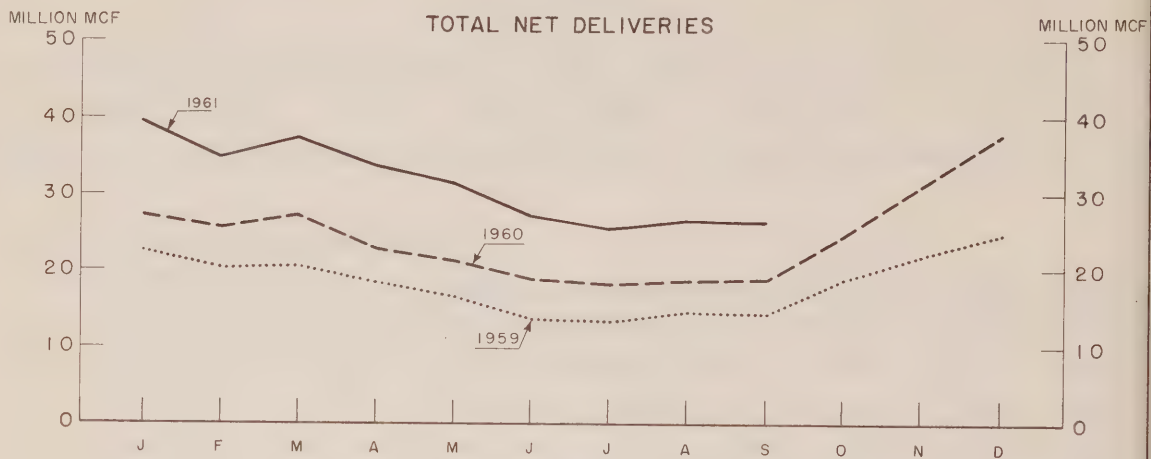
TABLE 4. Natural Gas Transmission by Month

September, 1961

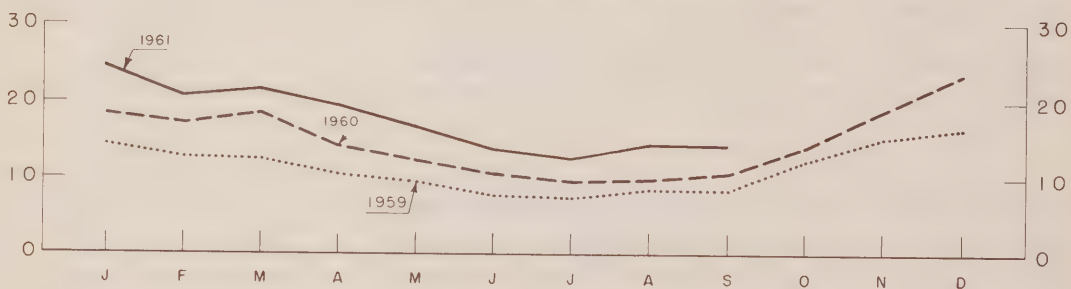
Mcf.

April	May	June	July	August	September	October	November	December	No.
10,720,815	10,190,148	8,611,148	8,601,391	9,202,012	9,692,837				1
23,113,413	21,211,882	18,553,673	17,140,483	19,819,130	20,202,400				2
703,111	772,582	827,004	898,535	900,449	798,627				3
34,537,339	32,174,612	27,991,825	26,640,409	29,921,591	30,693,864				4
1,685,359	1,019,486	1,105,848	1,385,111	8,969	-				5
20,963,700	19,313,804	17,945,451	17,733,724	19,919,705	20,468,920				6
571,984	1,385,343	2,102,051	2,020,599	2,614,714	343,856				7
57,758,382	53,893,245	49,145,175	47,779,843	52,464,706	51,506,640				8
19,456,192	16,806,394	13,909,130	12,498,724	14,627,730	14,487,124				9
13,970,471	14,459,312	13,187,296	12,969,280	12,085,446	12,030,665				10
2,337	5,167	4,988	5,288	5,171	4,573				11
113	83	40	34	26	57				12
33,429,113	31,270,956	27,101,454	25,473,326	26,718,373	26,522,419				13
1,798,821	2,736,603	3,322,353	3,431,485	4,615,877	3,189,439				14
20,963,700	19,313,804	17,945,451	17,733,724	19,919,705	20,468,920				15
111,307	106,192	94,933	87,609	90,350	95,718				16
56,302,941	53,427,555	48,464,191	46,726,144	51,344,305	50,276,496				17
940,358	729,260	696,863	611,226	837,277	786,658				18
310,830	225,080	256,415	336,102	190,791	439,646				19
204,253	-488,650	-272,294	106,371	92,333	3,840				20
57,758,382	53,893,245	49,145,175	47,779,843	52,464,706	51,506,640				21

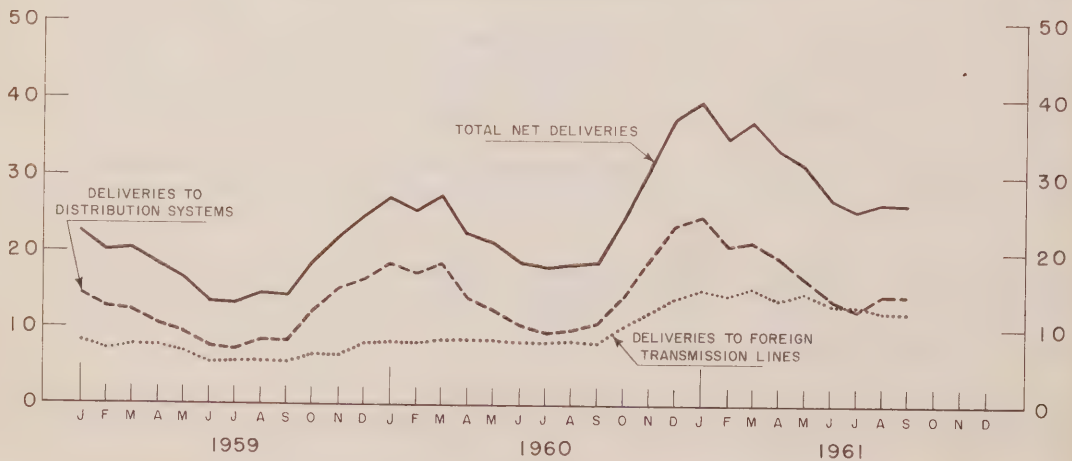
GAS PIPE LINE TRANSPORT
1959-61



NET DELIVERIES TO DISTRIBUTION SYSTEMS



NET DELIVERIES TO DISTRIBUTION SYSTEMS
AND FOREIGN TRANSMISSION LINES





(DOMINION) BUREAU OF STATISTICS

OTTAWA - CANADA

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GAS PIPE LINE TRANSPORT

OCTOBER, 1961

Gas pipe line transport companies increased their total net deliveries of natural gas 26.5 per cent to 30,724,862 Mcf. or an average of 991,125 Mcf. per day during this month. Exports increased 20.9 per cent to 12,360,763 Mcf. from 10,226,680 Mcf. in October, 1960. Net deliveries for the twelve month period ending October 31 were 382,304,319 Mcf.

Alberta accounted for 74.7 per cent of the provincial receipts in October while the greater share of deliveries, 32.5 per cent, was made in British Columbia.

Total Mcf. miles amounted to 35.3 billion or 805 million ton miles. (Note: Figures prior to September do not include the operations of Ontario Natural Gas Storage and Pipelines.)

Peak day deliveries, uncompensated(1), amounted to 1,295,020 Mcf. while minimum deliveries of 727,303 Mcf. were some 43.8 per cent less.

Total pipeline fuel amounted to 1,043,721 Mcf. during October, while the line pack increased by 160,430 Mcf. to 4,995,187 Mcf.

The gas pipe line transport industry is defined as that industry which is engaged in the transportation of natural gas, by pipe line, from natural gas fields or processing plants to local distribution systems. Companies included in this industry obtain the bulk of their revenue from the sale of gas to distribution companies for resale. Those companies that derive most of their revenue from the sale of gas to final consumers are classified as being in the Gas Utilities (Distribution) Industry.

Monthly reports of "Sales of Manufactured and Natural Gas" include summary data of receipts and deliveries of natural gas by transmission and distribution systems combined.

(1) Sum of deliveries on peak day for each of responding companies regardless of date of peak day delivery.

Prepared in the Public Utilities Section
Public Finance and Transportation Division

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TABLE 1. Natural Gas Transmission by Company

October, 1961

Mcf.

No.		Total October 1960	Total October 1961	The Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Mid- Continent Pipelines Ltd.
	<u>Natural gas received into transmission systems</u>					
1	From own gathering system or processing plants	8,498,883	9,898,287	-	-	-
2	From other gathering systems or processing plants	17,316,389	23,979,778	19,319,354	1,199,193	952,247
3	From foreign transmission lines	637,653	531,477	-	-	-
4	Total net receipts	26,452,925	34,409,542	...	...	...
5	From storage	72,146	-	-	-	-
6	Transfers from Canadian trans- mission systems	14,644,062	21,986,503	-	-	-
7	Returned to transmission systems by distribution systems for re-delivery.	121,982	438,268	-	-	-
8	Total gross receipts	41,291,115	56,834,313	19,319,354	1,199,193	952,247
	<u>Natural gas delivered out of transmission systems</u>					
9	To distribution systems	14,059,423	18,358,798	104,031	-	952,243
10	To foreign transmission lines	10,226,680	12,360,763	-	1,208,765	-
11	To industrial consumers	2,434	5,214	5,214	-	-
12	To others	55	87	-	87	-
13	Total net deliveries	24,288,592	30,724,862	...	...	...
14	To storage	1,457,669	2,227,556	-	-	-
15	Transfers to Canadian trans- mission systems	14,644,062	21,986,503	18,691,628	-	-
16	Re-delivered to distribution systems	271,455	116,214	-	-	-
17	Total gross deliveries	40,661,778	55,055,135	18,800,873	1,208,852	952,243
18	Pipeline fuel	411,700	1,043,721	1,032	-	-
19	Pipeline losses and metering differences	43,452	575,027	544,199	-9,690	-
20	Line pack fluctuations	174,185	160,430	-26,750	31	4
21	Total disposition of gross receipts .	41,291,115	56,834,313	19,319,354	1,199,193	952,247

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Deliveries of Transmission Systems, by Province

Mcf.

No.		British Columbia	Alberta	Saskatchewan
	<u>Receipts</u>			
1	From gathering systems or processing plants	8,007,802	25,693,981	-
2	From foreign transmission lines	-	6,421	-
3	Total	8,007,802	25,700,402	-
	<u>Deliveries</u>			
4	To distribution systems or consumers ..	2,723,965	2,284,148	1,225,933
5	To foreign transmission lines	7,268,481	1,208,900	-
6	Total	9,992,446	3,493,048	1,225,933

TABLE 1. Natural Gas Transmission by Company

October, 1961

Mcf.

Niagara Gas Transmission Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans- Canada Pipe Lines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies	No.
-	-	120,291	-	7,688,043	2,089,953	1
-	176,282	-	-	2,240,584	92,118	2
-	525,056	-	-	-	6,421	3
...	...	...	...	...	...	4
-	-	-	-	-	-	5
-	3,294,875	-	18,691,628	-	-	6
116,214	-	-	322,054	-	-	7
116,214	3,996,213	120,291	19,013,682	9,928,627	2,188,492	8
-	1,800,343	119,990	10,603,400	2,603,975	2,174,816	9
-	-	-	3,883,382	7,268,481	135	10
-	-	-	-	-	-	11
-	-	-	-	-	-	12
...	...	...	...	...	...	13
-	2,227,556	-	-	-	-	14
-	-	-	3,294,875	-	-	15
116,214	-	-	-	-	-	16
116,214	4,027,899	119,990	17,781,657	9,872,456	2,174,951	17
-	19,312	-	781,058	242,319	-	18
-	-50,998	301	192,604	-114,949	13,560	19
-	-	-	258,363	-71,199	-19	20
116,214	3,996,213	120,291	19,013,682	9,928,627	2,188,492	21

TABLE 2. Receipts and Deliveries of Transmission Systems, by Province

Mcf.

Manitoba	Ontario	Quebec	Total	No.
-	176,282	-	33,878,065	1
-	525,056	-	531,477	2
-	701,338	-	34,409,542	3
1,325,589	8,654,199	2,150,265	18,364,099	4
3,883,382	-	-	12,360,763	5
5,208,971	8,654,199	2,150,265	30,724,862	6

TABLE 3. Operating Statistics by Company

October, 1961

No.		Canada	The Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Mid- Continent Pipelines Ltd.	Niagara Gas Transmission Ltd.
	<u>Mcf. sendouts</u>					
	October, 1961					
1	Daily average	991,125	606,479	38,995	30,717	3,748
2	Maximum day	1,295,020(1)	679,296(2)	48,968	44,403	4,293
3	Minimum day	727,303(1)	410,184(2)	20,230	16,904	3,117
	October, 1960					
4	Daily average	783,503	240,581	48,172	8,382	3,935
5	Maximum day	1,162,651(1)	536,403(2)	53,755	9,360	4,262
	Year to date, 1961					
6	Daily average	1,030,424	587,262	38,401	21,963	2,569
	Year to date, 1960					
7	Daily average	729,161	322,896	42,372	16,210	2,989
8	<u>Mcf. Miles</u> (000's miles)	35,304,623	3,161,225	20,430	812	70
	<u>Line Pack</u>					
9	Beginning of month Mcf.	4,834,757	624,435	4,646	152	..
10	End of month Mcf.	4,995,187	597,685	4,677	156	..
11	Net fluctuation Mcf.	160,430	-26,750	31	4	..
	<u>Operating revenues</u>					
12	1st quarter, 1961 \$	36,802,443	1,992,882	707,759	1,760	24,000
13	2nd quarter, 1961 \$	32,983,637	1,755,838	596,622	713	24,000
14	3rd quarter, 1961 \$	31,072,091	2,552,129	373,266	387	24,000
15	4th quarter, 1961 \$					
16	Total to date \$	100,858,171	6,300,849	1,677,647	2,860	72,000
17	1st quarter, 1960 \$	25,996,622	1,352,975	758,129	918	6,000
18	2nd quarter, 1960 \$	21,643,294	1,061,209	581,753	132	6,000
19	3rd quarter, 1960 \$	20,431,152	1,737,253	442,014	-	6,000
20	4th quarter, 1960 \$	30,012,591	1,785,869	726,913	813	6,000
21	Total to date \$	98,083,659	5,937,306	2,508,809	1,863	24,000

- (1) Uncompensated.
(2) Not included in total.
.. Figures not available.

TABLE 3. Operating Statistics by Company

October, 1961

Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans- Canada Pipe Lines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies	No.
58,075	3,870	573,601	318,466	70,159	1
96,437	5,453	648,688	368,229	78,549	2
25,556	2,254	431,778	179,441	48,023	3
60,518	3,309	386,285	292,532	66,143	4
160,614	4,587	531,535	326,953	71,585	5
94,343	3,528	574,731	318,405	65,040	6
69,364	3,035	310,982	294,206	62,839	7
390,730	1,515	25,429,963	6,230,792	69,086	8
110,000	..	3,147,830	933,438	14,256	9
110,000	..	3,406,193	862,239	14,237	10
-	..	258,363	-71,199	-19	11
5,496,305	95,556	19,970,458	8,257,869	255,854	12
3,702,605	61,301	18,795,813	7,839,281	207,464	13
2,770,663	52,474	17,530,908	7,588,778	179,486	14
					15
11,969,573	209,331	56,297,179	23,685,928	642,804	16
4,538,655	83,468	12,137,695	6,867,457	251,325	17
2,252,653	49,119	10,858,803	6,637,052	196,573	18
1,644,348	47,736	9,975,649	6,394,914	183,238	19
3,680,802	80,927	16,184,359	7,347,994	198,914	20
12,116,458	261,250	49,156,506	27,247,417	830,050	21

TABLE 4. Natural Gas Transmission by Month

January - October, 1961

Mcf.

No.		Year to date		January	February	March
		1960	1961			
	<u>Natural gas received into transmission systems</u>					
1	From own gathering system or other processing plants	82,837,173	98,332,067	10,214,953	9,826,133	11,374,343
2	From other gathering systems or processing plants	146,805,520	222,059,679	27,378,303	25,070,481	25,556,307
3	From foreign transmission lines	5,476,580	5,458,383	10,208	8,671	7,719
4	Total net receipts	235,119,273	325,850,129	37,603,464	34,905,285	36,938,369
5	From storage	6,814,526	16,260,508	5,071,021	2,947,163	3,037,551
6	Transfers from Canadian transmission systems	113,946,341	201,080,812	20,729,798	19,997,934	22,021,273
7	Returned to transmission systems by distribution systems for re-delivery	6,046,468	10,549,113	409,895	329,840	332,563
8	Total gross receipts	361,926,608	553,740,562	63,814,178	58,180,222	62,329,756
	<u>Natural gas delivered out of transmission systems</u>					
9	To distribution systems	136,062,472	177,051,808	24,707,148	20,679,907	21,520,661
10	To foreign transmission lines	86,270,824	136,157,977	15,023,211	14,283,852	15,787,681
11	To industrial consumers	59,925	38,045	-	630	4,677
12	To others	925	922	163	178	141
13	Total net deliveries	222,394,146	313,248,752	39,730,522	34,964,567	37,313,160
14	To storage	16,834,285	23,523,319	-	803,723	1,397,462
15	Transfers to Canadian transmission systems	113,946,341	201,080,812	20,729,798	19,997,934	22,021,273
16	Re-delivered to distribution systems	3,919,915	4,369,509	2,169,055	924,000	574,131
17	Total gross deliveries	357,094,687	542,222,392	62,629,375	56,690,224	61,306,026
18	Pipeline fuel	3,387,855	8,576,334	937,806	977,756	1,015,409
19	Pipeline losses and metering differences	1,199,561	2,770,623	120,648	106,846	175,409
20	Line pack fluctuations	244,505	170,940	126,349	405,396	-167,088
21	Total disposition of gross receipts	361,926,608	553,740,289	63,814,178	58,180,222	62,329,756

^r Revised.

TABLE 4. Natural Gas Transmission by Month

January - October, 1961

Mcf.

April	May	June	July	August	September	October	November	December	No.
10,720,815	10,190,148	8,611,148	8,601,391	9,202,012	9,692,837	9,898,287			1
23,113,413	21,211,882	18,553,673	17,140,483	19,819,130	20,236,229	23,979,778			2
703,111	772,582	827,004	898,535	900,449	798,627	531,477			3
34,537,339	32,174,612	27,991,825	26,640,409	29,921,591	30,727,693	34,409,542			4
1,685,359	1,019,486	1,105,848	1,385,111	8,969	-	-			5
20,963,700	19,313,804	17,945,451	17,733,724	19,919,705	20,468,920	21,986,503			6
571,984	1,385,343	2,102,051	2,020,599	2,614,714	343,856	438,268			7
57,758,382	53,893,245	49,145,175	47,779,843	52,464,706	51,540,469	56,834,313			8
19,456,192	16,806,394	13,909,130	12,498,724	14,627,730	14,487,124	18,358,798			9
13,970,471	14,459,312	13,187,296	12,969,280	12,085,446	12,030,665	12,360,763			10
2,337	5,167	4,988	5,288	5,171	4,573	5,214			11
113	83	40	34	26	57	87			12
33,429,113	31,270,956	27,101,454	25,473,326	26,718,373	26,522,419	30,724,862			13
1,798,821	2,736,603	3,322,353	3,431,485	4,615,877	3,189,439	2,227,556			14
20,963,700	19,313,804	17,945,451	17,733,724	19,919,705	20,468,920	21,986,503			15
111,307	106,192	94,933	87,609	90,350	95,718	116,214			16
56,302,941	53,427,555	48,464,191	46,726,144	51,344,305	50,276,496	55,055,135			17
940,358	729,260	696,863	611,226	837,277	786,658	1,043,721			18
310,830	225,080	256,415	336,102	190,791	473,475	575,027			19
204,253	-488,650	-272,294	106,371	92,333	3,840	160,430			20
57,758,382	53,893,245	49,145,175	47,779,843	52,464,706	51,540,469	56,834,313			21

CATALOGUE No.

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DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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GAS PIPE LINE TRANSPORT

NOVEMBER, 1961

Canadian transmission lines increased their net deliveries of natural gas during November by 16.6 per cent to a total of 36,126,884 Mcf. from 30,992,998 Mcf. recorded one year earlier. Daily average sendout was 1,204,230 Mcf. per day compared with 1,033,100 Mcf. in November, 1960. For the nine months ended November 30, 1961 net deliveries increased 37.9 per cent to 349,375,636 Mcf. from 253,387,144 Mcf. Net deliveries for the twelve month period were 387,438,205 Mcf.

Exports of 12,982,810 Mcf. showed an increase of 7.6 per cent as compared with 12,068,064 Mcf reported in November, 1960.

Alberta maintained 75.2 per cent of the receipts with 28,207,841 Mcf. while the greater share of provincial deliveries, 33.6 per cent, was made in Ontario.

Total Mcf. miles amounted to 37.5 billion or 856 million ton miles.

Total pipeline fuel amounted to 1,205,397 Mcf. during November, while the line pack increased by 743,450 Mcf. reflecting the first movements of gas in the "foothills division" of Alberta Gas Truck Line Co. Ltd.

Peak day deliveries, uncompensated(1), amounted to 1,535,480 Mcf. and minimum deliveries of 1,048,855 Mcf. were some 31.7 per cent less.

The gas pipe line transport industry is defined as that industry which is engaged in the transportation of natural gas, by pipe line, from natural gas fields or processing plants to local distribution systems. Companies included in this industry obtain the bulk of their revenue from the sale of gas to distribution companies for resale. Those companies that derive most of their revenue from the sale of gas to final consumers are classified as being in the Gas Utilities (Distribution) Industry.

Monthly reports of "Sales of Manufactured and Natural Gas" include summary data of receipts and deliveries of natural gas by transmission and distribution systems combined.

(1) Sum of deliveries on peak day for each of responding companies regardless of date of peak day delivery.

Prepared in the Public Utilities Section
Public Finance and Transportation Division

8506-503-111

TABLE 1. Natural Gas Transmission by Company

November, 1961

Mcf.

No.		Total November 1960	Total November 1961	The Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Mid- Continent Pipelines Ltd.
	<u>Natural gas received into transmission systems</u>					
1	From own gathering system or processing plants	8,685,009	10,670,304	-	-	-
2	From other gathering systems or processing plants	21,178,120	26,843,121	21,048,604	1,503,410	1,383,147
3	From foreign transmission lines	-	9,788	-	-	-
4	Total net receipts	29,863,129	37,523,213	...	...	...
5	From storage	1,658,836	670,845	-	-	-
6	Transfers from Canadian trans- mission systems	16,168,769	22,989,919	-	-	-
7	Returned to transmission systems by distribution systems for re-delivery.	113,499	685,878	-	-	-
8	Total gross receipts	47,804,233	61,869,855	21,048,604	1,503,410	1,383,147
	<u>Natural gas delivered out of transmission systems</u>					
9	To distribution systems	18,907,483	23,085,249	147,152	-	1,383,171
10	To foreign transmission lines	12,068,064	12,982,810	-	1,468,250	-
11	To industrial consumers	17,309	58,713	58,713	-	-
12	To others	142	112	-	112	-
13	Total net deliveries	30,992,998	36,126,884	...	...	...
14	To storage	16,137	473,825	-	-	-
15	Transfers to Canadian trans- mission systems	16,168,769	22,989,919	20,214,967	-	-
16	Re-delivered to distribution systems	404,849	127,281	-	-	-
17	Total gross deliveries	47,582,753	59,717,909	20,420,832	1,468,362	1,383,171
18	Pipeline fuel	483,271	1,205,397	3,489	-	-
19	Pipeline losses and metering differences	57,800	203,099	- 192,010	35,076	-
20	Line pack fluctuations	- 319,591	743,450	816,293	- 28	- 24
21	Total disposition of gross receipts .	47,804,233	61,869,855	21,048,604	1,503,410	1,383,147
...	Figures not appropriate or not applicable.					

TABLE 2. Receipts and Deliveries of Transmission Systems, by Province

Mcf.

No.		British Columbia	Alberta	Saskatchewan
	<u>Receipts</u>			
1	From gathering systems or processing plants	8,740,333	28,198,053	-
2	From foreign transmission lines	-	9,788	-
3	Total	8,740,333	28,207,841	-
	<u>Deliveries</u>			
4	To distribution systems or consumers ..	3,548,458	2,426,303	1,662,758
5	To foreign transmission lines	6,882,330	1,468,586	-
6	Total	10,430,788	3,894,889	1,662,758

TABLE 1. Natural Gas Transmission by Company

November, 1961

Mcf.

Niagara Gas Transmission Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans- Canada Pipe Lines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies	No.
-	-	157,167	-	8,432,893	2,080,244	1
-	575,039	-	-	2,202,429	130,492	2
-	-	-	-	-	9,788	3
...	...	...	...	...	...	4
-	670,845	-	-	-	-	5
-	2,774,952	-	20,025,402	-	189,565	6
127,281	-	-	558,597	-	-	7
127,281	4,020,836	157,167	20,583,999	10,635,322	2,410,089	8
-	3,547,313	154,553	12,238,829	3,393,905	2,220,326	9
-	-	-	4,631,894	6,882,330	336	10
-	-	-	-	-	-	11
-	-	-	-	-	-	12
...	...	...	...	...	...	13
-	473,825	-	-	-	-	14
-	-	-	2,774,952	-	-	15
127,281	-	-	-	-	-	16
127,281	4,021,138	154,553	19,645,675	10,276,235	2,220,662	17
-	8,933	-	880,670	312,305	-	18
-	- 9,235	2,614	156,055	21,394	189,205	19
-	-	-	- 98,401	25,388	222	20
127,281	4,020,836	157,167	20,583,999	10,635,322	2,410,089	21

TABLE 2. Receipts and Deliveries of Transmission Systems, by Province

Mcf.

Manitoba	Ontario	Quebec	Total	No.
-	575,039	-	37,513,425	1
-	-	-	9,788	2
-	575,039	-	37,523,213	3
1,671,392	12,122,546	1,712,617	23,144,074	4
4,631,894	-	-	12,982,810	5
6,303,286	12,122,546	1,712,617	36,126,884	6

TABLE 3. Operating Statistics by Company

November, 1961

No.						
		Canada	The Alberta Gas Trunk Line Co. Ltd.	Canadian-Montana Pipe Line Co.	Mid-Continent Pipelines Ltd.	Niagara Gas Transmission Ltd.
	<u>Mcf. sendouts</u>					
	November, 1961					
1	Daily average	1,204,230	680,694	48,945	46,106	4,243
2	Maximum day	1,535,480(1)	770,761(2)	58,658	61,273	4,671
3	Minimum day	1,048,855(1)	571,654(2)	41,230	40,513	3,570
	November, 1960					
4	Daily average	1,033,100	517,362	52,145	22,045	3,783
5	Maximum day	1,304,661(1)	551,441(2)	54,622	40,456	6,462
	Year to date, 1961					
6	Daily average	1,046,035	595,655	39,348	24,132	2,720
	Year to date, 1960					
7	Daily average	756,380	340,311	43,247	17,291	3,061
	<u>Mcf. Miles</u>					
8	..... (000's miles)	37,540,490	3,579,199	23,496	1,179	76
	<u>Line Pack</u>					
9	Beginning of month Mcf.	4,995,187	597,685	4,677	156	..
10	End of month Mcf.	5,738,637	1,413,978	4,649	132	..
11	Net fluctuation Mcf.	743,450	816,293	-28	-24	..
	<u>Operating revenues</u>					
12	1st quarter, 1961	\$ 36,802,443	1,992,882	707,759	1,760	24,000
13	2nd quarter, 1961	\$ 32,983,637	1,755,838	596,622	713	24,000
14	3rd quarter, 1961	\$ 31,072,091	2,552,129	373,266	387	24,000
15	4th quarter, 1961	\$				
16	Total to date	\$ 100,858,171	6,300,849	1,677,647	2,860	72,000
17	1st quarter, 1960	\$ 25,996,622	1,352,975	758,129	918	6,000
18	2nd quarter, 1960	\$ 21,643,294	1,061,209	581,753	132	6,000
19	3rd quarter, 1960	\$ 20,431,152	1,737,253	442,014	-	6,000
20	4th quarter, 1960	\$ 30,012,591	1,785,869	726,913	813	6,000
21	Total to date	\$ 98,083,659	5,937,306	2,508,809	1,863	24,000

(1) Uncompensated.

(2) Not included in total.

.. Figures not available.

TABLE 3. Operating Statistics by Company

November, 1961

Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans- Canada Pipe Lines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies	No.
118,244	5,152	654,856	342,541	74,022	1
226,667	8,304	721,384	370,367	84,156	2
58,690	3,689	555,219	292,752	53,192	3
102,439	4,434	510,707	297,257	75,382	4
215,227	6,490	573,362	326,560	81,482	5
96,490	3,674	581,928	320,574	65,847	6
72,325	3,161	328,868	294,479	63,952	7
257,689	2,045	27,159,757	6,443,634	73,415	8
110,000	..	3,406,193	862,239	14,237	9
110,000	..	3,307,792	887,627	14,459	10
-	..	-98,401	25,388	222	11
5,496,305	95,556	19,970,458	8,257,869	255,854	12
3,702,605	61,301	18,795,813	7,839,281	207,464	13
2,770,663	52,474	17,530,908	7,588,778	179,486	14
					15
11,969,573	209,331	56,297,179	23,685,928	642,804	16
4,538,655	83,468	12,137,695	6,867,457	251,325	17
2,252,653	49,119	10,858,803	6,637,052	196,573	18
1,644,348	47,736	9,975,649	6,394,914	183,238	19
3,680,802	80,927	16,184,359	7,347,994	198,914	20
12,116,458	261,250	49,156,506	27,247,417	830,050	21

TABLE 4. Natural Gas Transmission by Month

January - November, 1961

Mcf.

No.		Year to date		January	February	March
		1960	1961			
<u>Natural gas received into transmission systems</u>						
1	From own gathering system or other processing plants	91,522,182	109,002,371	10,214,953	9,826,133	11,374,343
2	From other gathering systems or processing plants	167,983,640	248,902,800	27,378,303	25,070,481	25,556,307
3	From foreign transmission lines	5,476,580	5,468,171	10,208	8,671	7,719
4	Total net receipts	264,982,402	363,373,342	37,603,464	34,905,285	36,938,369
5	From storage	8,473,362	16,931,080	5,071,021	2,947,163	3,037,551
6	Transfers from Canadian transmission systems	130,115,110	224,070,731	20,729,798	19,997,934	22,021,273
7	Returned to transmission systems by distribution systems for re-delivery	6,159,967	11,234,991	409,895	329,840	332,563
8	Total gross receipts	409,730,841	615,610,144	63,814,178	58,180,222	62,329,756
<u>Natural gas delivered out of transmission systems</u>						
9	To distribution systems	154,969,955	200,137,057	24,707,148	20,679,907	21,520,661
10	To foreign transmission lines	98,338,888	149,140,787	15,023,211	14,283,852	15,787,681
11	To industrial consumers	77,234	96,758	-	630	4,677
12	To others	1,067	1,034	163	178	141
13	Total net deliveries	253,387,144	349,375,636	39,730,522	34,964,567	37,313,160
14	To storage	16,850,422	23,997,144	-	803,723	1,397,462
15	Transfers to Canadian transmission systems	130,115,110	224,070,731	20,729,798	19,997,934	22,021,273
16	Re-delivered to distribution systems	4,324,764	4,496,790	2,169,055	924,000	574,131
17	Total gross deliveries	404,677,440	601,940,301	62,629,375	56,690,224	61,306,026
18	Pipeline fuel	3,871,126	9,781,731	937,806	977,756	1,015,409
19	Pipeline losses and metering differences	1,257,361	2,973,722	120,648	106,846	175,409
20	Line pack fluctuations	-75,086	914,390	126,349	405,396	-167,088
21	Total disposition of gross receipts	409,730,841	615,610,144	63,814,178	58,180,222	62,329,756

F Revised.

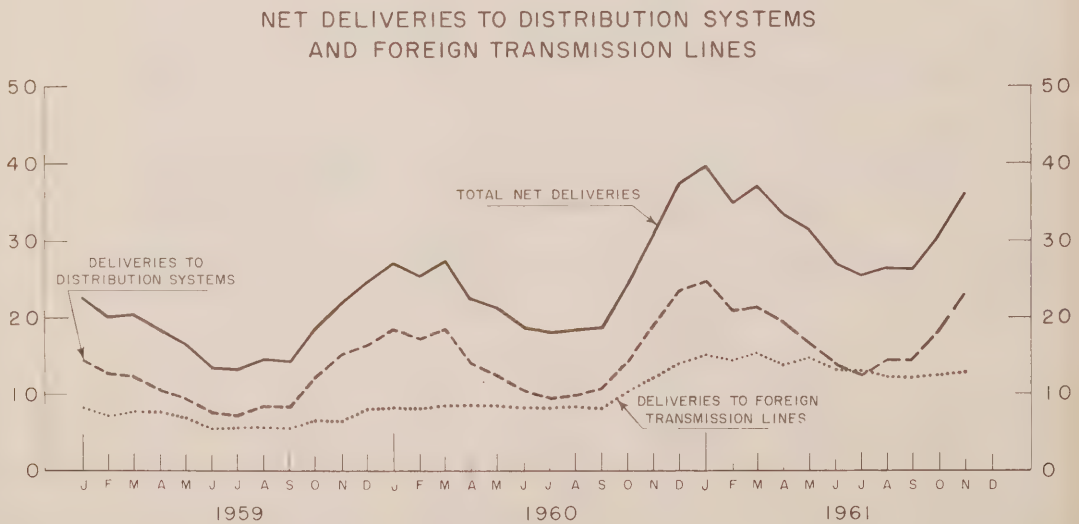
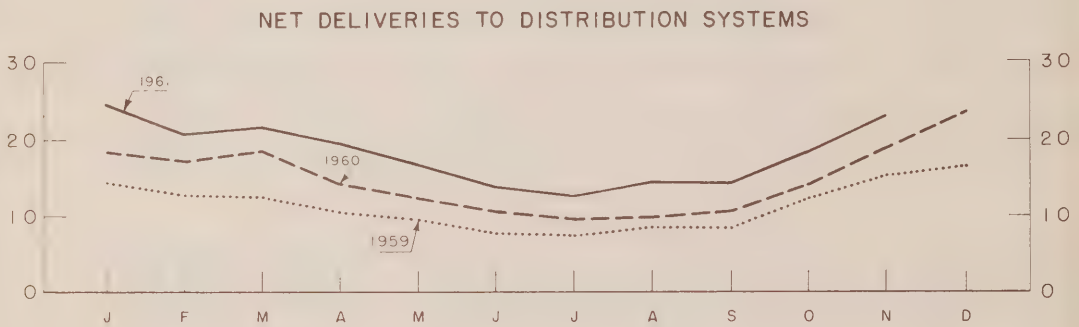
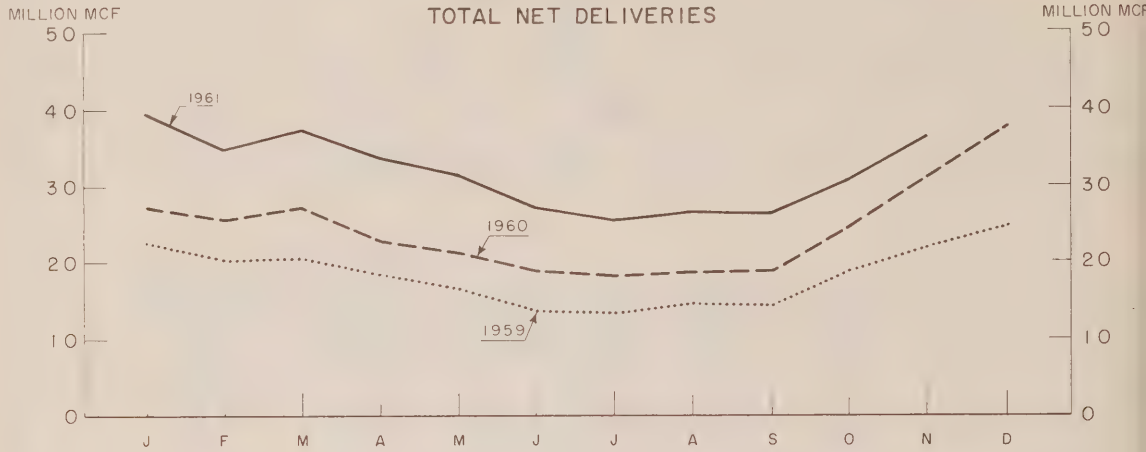
TABLE 4. Natural Gas Transmission by Month

January - November, 1961

Mcf.

April	May	June	July	August	September	October	November	December	No.
10,720,815	10,190,148	8,611,148	8,601,391	9,202,012	9,692,837	9,898,287	10,670,304		1
23,113,413	21,211,882	18,553,673	17,140,483	19,819,130	20,236,229	23,979,778	26,843,121		2
703,111	772,582	827,004	898,535	900,449	798,627	531,477	9,788		3
34,537,339	32,174,612	27,991,825	26,640,409	29,921,591	30,727,693	34,409,542	37,523,213		4
1,685,359	1,019,486	1,105,848	1,385,111	8,696	-	-	670,845		5
20,963,700	19,313,804	17,945,451	17,733,724	19,919,705	20,468,920	21,986,503	22,989,919		6
571,984	1,385,343	2,102,051	2,020,599	2,614,714	343,856	438,268	685,878		7
57,758,382	53,893,245	49,145,175	47,779,843	52,464,706	51,540,469	56,834,313	61,869,855		8
19,456,192	16,806,394	13,909,130	12,498,724	14,627,730	14,487,124	18,358,798	23,085,249		9
13,970,471	14,459,312	13,187,296	12,969,280	12,085,446	12,030,665	12,360,763	12,982,810		10
2,337	5,167	4,988	5,288	5,171	4,573	5,214	58,713		11
113	83	40	34	26	57	87	112		12
33,429,113	31,270,956	27,101,454	25,473,326	26,718,373	26,522,419	30,724,862	36,126,884		13
1,798,821	2,736,603	3,322,353	3,431,485	4,615,877	3,189,439	2,227,556	473,825		14
20,963,700	19,313,804	17,945,451	17,733,724	19,919,705	20,468,920	21,986,503	22,989,919		15
111,307	106,192	94,933	87,609	90,350	95,718	116,214	127,281		16
56,302,941	53,427,555	48,464,191	46,726,144	51,344,305	50,276,496	55,055,135	59,717,909		17
940,358	729,260	696,863	611,226	837,277	786,658	1,043,721	1,205,397		18
310,830	225,080	256,415	336,102	190,791	473,475	575,027	203,099		19
204,253	-488,650	-272,294	106,371	92,333	3,840	160,430	743,450		20
57,758,382	53,893,245	49,145,175	47,779,843	52,464,706	51,540,469	56,834,313	61,869,855		21

GAS PIPE LINE TRANSPORT 1959-61



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GAS PIPE LINE TRANSPORT

DECEMBER, 1961

During 1961 Canadian transmission lines increased their net deliveries of natural gas by 38.5 per cent to a total of 403,363,333 Mcf. from 291,164,211 Mcf. in 1960. Deliveries to distribution systems increased 28.5 per cent and deliveries to foreign transmission lines 54.5 per cent. Much of the increase took place in the last quarter of this period. The Alberta Gas Trunk Line Company Limited (Foothills Division), which gathers gas from fields in the Alberta foothills and carries it to the Alberta-British Columbia border, began to transport natural gas in November, 1961, and the Alberta Natural Gas Company, running from the Alberta-British Columbia border to the United States-British Columbia border, began transporting to the Pacific Gas Transmission Company in December.

Deliveries for the industry averaged 1,105,105 Mcf. per day in 1961 compared with 795,531 in 1960. Gas used for pipeline fuel more than doubled, rising to 11,092,878 Mcf. from 4,420,672 one year earlier.

Net receipts of natural gas were mainly from gathering systems and processing plants. Imports accounted for only 1.3 per cent of the total receipts and were down slightly from last year.

Operating revenues increased 41.2 per cent to \$138,516,655 from \$98,083,659 in 1960.

In December, 1961, net deliveries of natural gas through Canadian pipe lines totalled 53,987,697 Mcf., an increase of 42.9 per cent over the 37,774,206 Mcf. in December, 1960. Deliveries to distribution systems accounted for 54.3 per cent of the total while deliveries to foreign transmission lines increased 74.3 per cent and accounted for 45.7 per cent of the total for the month. Daily average sendout was 1,741,539 Mcf. compared with 1,218,523 Mcf. in the same period a year earlier. Peak day deliveries, uncompensated⁽¹⁾, amounted to 2,129,460 Mcf., 37.9 per cent more than the 1,544,221 Mcf. reported in December, 1960.

Total Mcf. miles during December amounted to 42.7 billion or 972 million ton miles, an all time high for the industry. The year's total was 408.3 billion or 9,308 million ton miles.

(1) Sum of deliveries on peak day for each of responding companies regardless of date of peak day delivery.

Prepared in the Public Utilities Section
Public Finance and Transportation Division

8506-503-121

TABLE 1. Natural Gas Transmission by Company

December, 1961

Mcf.

No.		Total December 1960	Total December 1961	The Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Mid- Continent Pipelines Ltd.
	<u>Natural gas received into transmission systems</u>					
1	From own gathering system or processing plants	9,833,331	11,527,949	-	-	-
2	From other gathering systems or processing plants	26,519,986	39,339,173	31,896,340	1,916,699	2,234,558
3	From foreign transmission lines	10,649	12,719	-	-	-
4	Total net receipts	36,363,966	50,879,841	..	..	..
5	From storage	4,172,788	3,367,914	-	-	-
6	Transfers from Canadian trans- mission systems	18,772,115	34,409,798	-	-	-
7	Returned to transmission systems by distribution systems for re-delivery.	132,156	875,992	-	-	-
8	Total gross receipts	59,441,025	89,533,545	31,896,340	1,916,699	2,234,558
	<u>Natural gas delivered out of transmission systems</u>					
9	To distribution systems	23,603,887	29,263,553	222,122	-	2,234,542
10	To foreign transmission lines	14,142,032	24,645,808	101,453	1,971,899	-
11	To industrial consumers	28,144	78,093	78,093	-	-
12	To others	143	243	-	243	-
13	Total net deliveries	37,774,206	53,987,697	..	..	..
14	To storage	-	5,753	-	-	-
15	Transfers to Canadian trans- mission systems	18,772,115	34,409,798	32,138,078	-	-
16	Re-delivered to distribution systems	1,949,593	113,624	-	-	-
17	Total gross deliveries	58,495,914	88,516,872	32,539,746	1,972,142	2,234,542
18	Pipeline fuel	549,546	1,311,147	5,025	-	-
19	Pipeline losses and metering differences	335,160	-696,782	-760,594	-55,652	-
20	Line pack fluctuations	60,405	402,308	112,163	209	16
21	Total disposition of gross receipts .	59,441,025	89,533,545	31,896,340	1,916,699	2,234,558

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Deliveries of Transmission Systems, by Province

Mcf.

No.		British Columbia	Alberta	Saskatchewan
	<u>Receipts</u>			
1	From gathering systems or processing plants	9,541,195	40,368,751	-
2	From foreign transmission lines	-	12,719	-
3	Total	9,541,195	40,381,470	-
	<u>Deliveries</u>			
4	To distribution systems or consumers ..	4,025,469	2,630,837	2,511,755
5	To foreign transmission lines	7,626,698	11,891,998	-
6	Total	11,652,167	14,522,835	2,511,755

TABLE 1. Natural Gas Transmission by Company

December, 1961

Mcf.

Niagara Gas Transmission Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans- Canada Pipe Lines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies	No.
-	-	161,708	-	9,209,874	2,156,367	1
-	957,176	-	-	2,201,528	132,872	2
-	-	-	-	-	12,719	3
..	..	..	..	..	..	4
-	3,367,914	-	-	-	-	5
-	2,226,339	45,381	21,817,472	435,077	9,885,529	6
113,624	-	-	762,368	-	-	7
113,624	6,551,429	207,089	22,579,840	11,846,479	12,187,487	8
-	6,504,992	200,530	13,946,049	3,824,939	2,330,379	9
-	-	-	5,127,112	7,626,698	9,818,646	10
-	-	-	-	-	-	11
-	-	-	-	-	-	12
..	..	..	..	..	..	13
-	5,753	-	-	-	-	14
-	-	-	2,226,339	45,381	-	15
113,624	-	-	-	-	-	16
113,624	6,510,745	200,530	21,299,500	11,497,018	12,149,025	17
-	8,161	-	990,882	290,399	16,680	18
-	32,523	6,559	190,390	-59,751	-50,257	19
-	-	-	99,068	118,813	72,039	20
113,624	6,551,429	207,089	22,579,840	11,846,479	12,187,487	21

TABLE 2. Receipts and Deliveries of Transmission Systems, by Province

Mcf.

Manitoba	Ontario	Quebec	Total	No.
-	957,176	-	50,867,122	1
-	-	-	12,719	2
-	957,176	-	50,879,841	3
2,515,954	15,728,770	1,929,104	29,341,889	4
5,127,112	-	-	24,645,808	5
7,643,066	15,728,770	1,929,104	53,987,697	6

TABLE 3. Operating Statistics by Company

December, 1961

No.		Canada	The Alberta Gas Trunk Line Co. Ltd.	Canadian-Montana Pipe Line Co.	Mid-Continent Pipelines Ltd.	Niagara Gas Transmission Ltd.
	<u>Mcf. sendouts</u>					
	December, 1961					
1	Daily average	1,741,539	1,049,669	63,617	72,082	3,665
2	Maximum day	2,129,460(1)	1,085,096(2)	86,024	75,609	4,499
3	Minimum day	1,366,594(1)	793,582(2)	58,476	63,869	1,602
	December, 1960					
4	Daily average	1,218,523	598,331	52,354	29,455	4,263
5	Maximum day	1,544,221(1)	637,375(2)	56,625	37,224	4,784
	Year to date, 1961					
6	Daily average	1,105,105	634,277	41,410	28,205	2,800
	Year to date, 1960					
7	Daily average	795,531	362,165	44,018	19,244	3,162
	<u>Mcf. Miles</u>					
8	..... (000's miles)	42,651,267	5,636,000	28,571	1,905	68
	<u>Line Pack</u>					
9	Beginning of month Mcf.	5,904,881	1,413,978	4,649	132	..
10	End of month Mcf.	6,307,189	1,526,141	4,858	148	..
11	Net fluctuation Mcf.	402,308	112,163	209	16	..
	<u>Operating revenues</u>					
12	1st quarter, 1961 \$	36,802,443	1,992,882	707,759	1,760	24,000
13	2nd quarter, 1961 \$	32,983,637	1,755,838	596,622	713	24,000
14	3rd quarter, 1961 \$	31,072,091	2,552,129	373,266	387	24,000
15	4th quarter, 1961 \$	37,658,484	2,637,570	753,527	2,297	24,000
16	Total to date \$	138,516,655	8,938,419	2,431,174	5,157	96,000
17	1st quarter, 1960 \$	25,996,622	1,352,975	758,129	918	6,000
18	2nd quarter, 1960 \$	21,643,294	1,061,209	581,753	132	6,000
19	3rd quarter, 1960 \$	20,431,152	1,737,253	442,014	-	6,000
20	4th quarter, 1960 \$	30,012,591	1,785,869	726,913	813	6,000
21	Total to date \$	98,083,659	5,937,306	2,508,809	1,863	24,000

(1) Uncompensated.

(2) Not included in total.

.. Figures not available.

TABLE 3. Operating Statistics by Company

December, 1961

Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	Trans- Canada Pipe Lines Ltd.	Westcoast Transmission Co. Ltd.	Other Transmission Companies	No.
209,838	6,463	687,080	370,872	391,904	1
305,649	8,184	747,087	414,787	487,621	2
86,723	4,321	606,519	340,394	282,741	3
220,446	4,879	581,704	320,942	74,946	4
363,136	6,836	639,073	352,966	83,677	5
106,117	3,911	590,859	324,845	93,540	6
84,871	3,306	350,283	296,721	64,753	7
293,321	2,713	28,476,142	7,191,472	1,021,075	8
110,000	..	3,307,792	887,627	180,703	9
110,000	..	3,406,860	1,006,440	252,742	10
-	..	99,068	118,813	72,039	11
5,496,305	95,556	19,970,458	8,257,869	255,854	12
3,702,605	61,301	18,795,813	7,839,281	207,464	13
2,770,663	52,474	17,530,908	7,588,778	179,486	14
4,903,908	94,293	20,904,409	8,085,112	253,368	15
16,873,481	303,624	77,201,588	31,771,040	896,172	16
4,538,655	83,468	12,137,695	6,867,457	251,325	17
2,252,653	49,119	10,858,803	6,637,052	196,573	18
1,644,348	47,736	9,975,649	6,394,914	183,238	19
3,680,802	80,927	16,184,359	7,347,994	198,914	20
12,116,458	261,250	49,156,506	27,247,417	830,050	21

TABLE 4. Natural Gas Transmission by Month

January - December, 1961

Mcf.

No.		Year to date		January	February	March
		1960	1961			
	<u>Natural gas received into transmission systems</u>					
1	From own gathering system or other processing plants	101,355,513	120,530,320	10,214,953	9,826,133	11,374,343
2	From other gathering systems or processing plants	194,503,626	288,241,973	27,378,303	25,070,481	25,556,307
3	From foreign transmission lines	5,550,597	5,480,890	10,208	8,671	7,719
4	Total net receipts	301,409,736	414,253,183	37,603,464	34,905,285	36,938,369
5	From storage	12,646,150	20,298,994	5,071,021	2,947,163	3,037,551
6	Transfers from Canadian transmission systems	148,887,225	258,503,017	20,729,798	19,997,934	22,021,273
7	Returned to transmission systems by distribution systems for re-delivery	6,292,123	12,110,983	409,895	329,840	332,563
8	Total gross receipts	469,235,234	705,166,177	63,814,178	58,180,222	62,329,756
	<u>Natural gas delivered out of transmission systems</u>					
9	To distribution systems	178,573,842	229,400,610	24,707,148	20,679,907	21,520,661
10	To foreign transmission lines	112,483,781	173,786,595	15,023,211	14,283,852	15,787,681
11	To industrial consumers	105,378	174,851	-	630	4,677
12	To others	1,210	1,277	163	178	141
13	Total net deliveries	291,164,211	403,363,333	39,730,522	34,964,567	37,313,160
14	To storage	16,850,422	24,002,897	-	803,723	1,397,462
15	Transfers to Canadian transmission systems	148,887,225	258,503,017	20,729,798	19,997,934	22,021,273
16	Re-delivered to distribution systems	6,274,357	4,610,414	2,169,055	924,000	574,131
17	Total gross deliveries	463,176,215	690,479,661	62,629,375	56,690,224	61,306,026
18	Pipeline fuel	4,420,672	11,092,878	937,806	977,756	1,015,409
19	Pipeline losses and metering differences	1,653,028	2,110,696	120,648	106,846	175,409
20	Line pack fluctuations	-14,681	1,482,942	126,349	405,396	-167,088
21	Total disposition of gross receipts	469,235,234	705,166,177	63,814,178	58,180,222	62,329,756

† Revised.

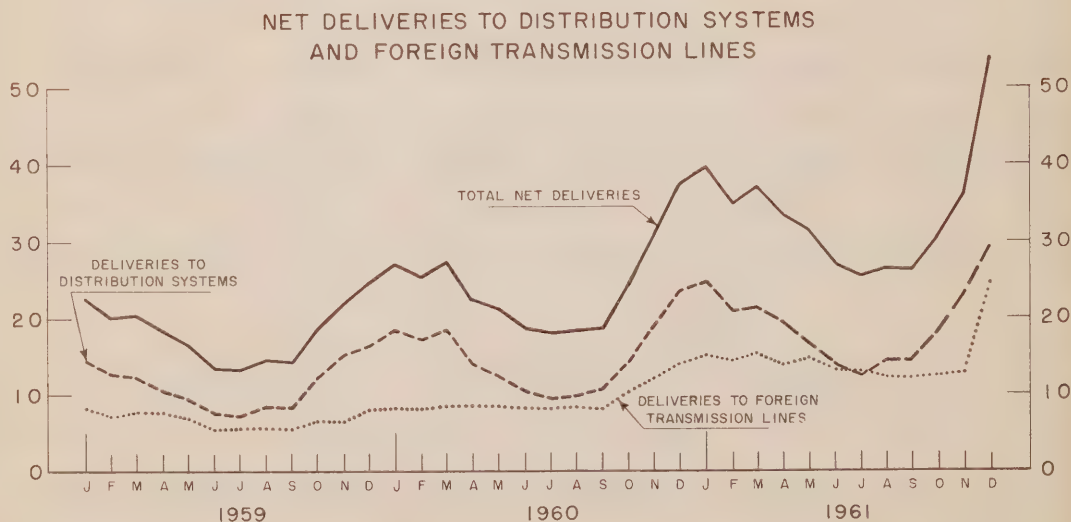
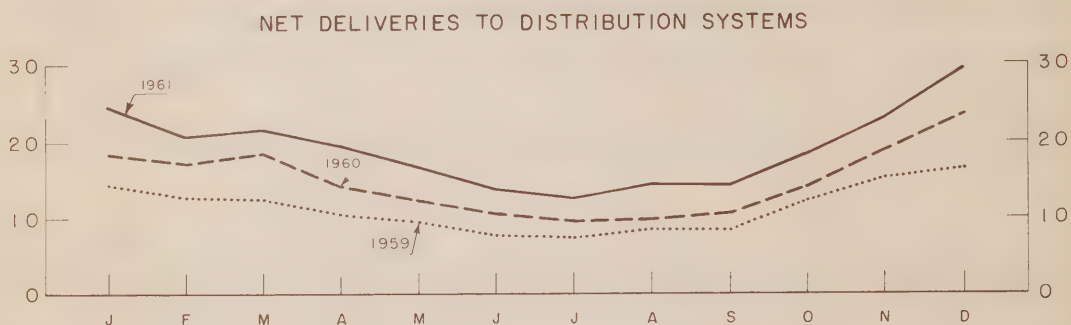
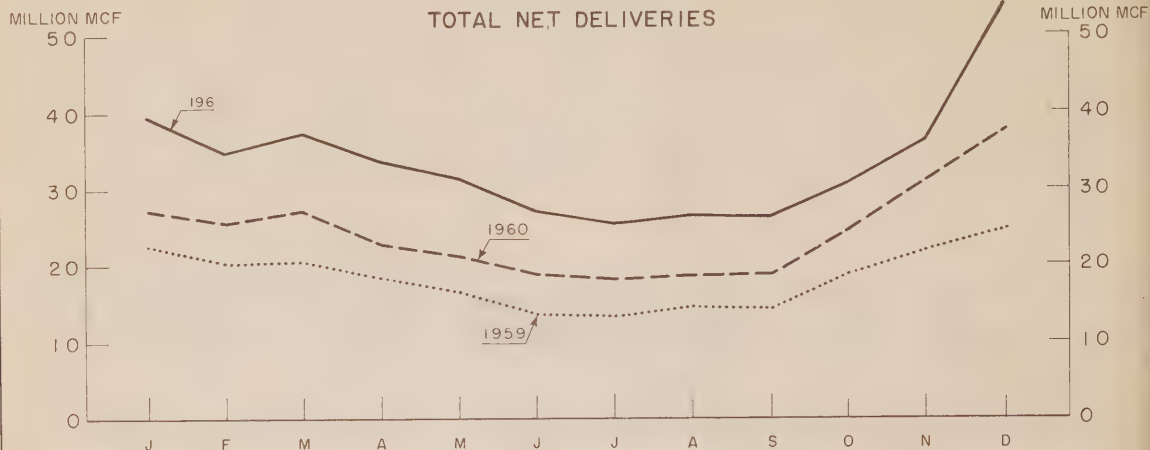
TABLE 4. Natural Gas Transmission by Month

January - December, 1961

Mcf.

April	May	June	July	August	September	October	November ^r	December	No.
10,720,815	10,190,148	8,611,148	8,601,391	9,202,012	9,692,837	9,898,287	10,670,304	11,527,949	1
23,113,413	21,211,882	18,553,673	17,140,483	19,819,130	20,236,229	23,979,778	26,843,121	39,339,173	2
703,111	772,582	827,004	898,535	900,449	798,627	531,477	9,788	12,719	3
34,537,339	32,174,612	27,991,825	26,640,409	29,921,591	30,727,693	34,409,542	37,523,213	50,879,841	4
1,685,359	1,019,486	1,105,848	1,385,111	8,696	-	-	670,845	3,367,914	5
20,963,700	19,313,804	17,945,451	17,733,724	19,919,705	20,468,920	21,986,503	23,012,407	34,409,798	6
571,984	1,385,343	2,102,051	2,020,599	2,614,714	343,856	438,268	685,878	875,992	7
57,758,382	53,893,245	49,145,175	47,779,843	52,464,706	51,540,469	56,834,313	61,892,343	89,533,545	8
19,456,192	16,806,394	13,909,130	12,498,724	14,627,730	14,487,124	18,358,798	23,085,249	29,263,553	9
13,970,471	14,459,312	13,187,296	12,969,280	12,085,446	12,030,665	12,360,763	12,982,810	24,645,808	10
2,337	5,167	4,988	5,288	5,171	4,573	5,214	58,713	78,093	11
113	83	40	34	26	57	87	112	243	12
33,429,113	31,270,956	27,101,454	25,473,326	26,718,373	26,522,419	30,724,862	36,126,884	53,987,697	13
1,798,821	2,736,603	3,322,353	3,431,485	4,615,877	3,189,439	2,227,556	473,825	5,753	14
20,963,700	19,313,804	17,945,451	17,733,724	19,919,705	20,468,920	21,986,503	23,012,407	34,409,798	15
111,307	106,192	94,933	87,609	90,350	95,718	116,214	127,281	113,624	16
56,302,941	53,427,555	48,464,191	46,726,144	51,344,305	50,276,496	55,055,135	59,740,397	88,516,872	17
940,358	729,260	696,863	611,226	837,277	786,658	1,043,721	1,205,397	1,311,147	18
310,830	225,080	256,415	336,102	190,791	473,475	575,027	36,855	-696,782	19
204,253	-488,650	-272,294	106,371	92,333	3,840	160,430	909,694	402,308	20
57,758,382	53,893,245	49,145,175	47,779,843	52,464,706	51,540,469	56,834,313	61,892,343	89,533,545	21

GAS PIPE LINE TRANSPORT 1959-61



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55-002

MONTHLY

DOMINION BUREAU OF STATISTICS

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GAS UTILITIES

(Transport and Distribution Systems)

JANUARY 1962

FORMERLY "GAS PIPE LINE TRANSPORT"

This publication is the first of a new series which integrates the statistics formerly given in "Sales of Manufactured and Natural Gas" (Tables 2 and 3, catalogue No. 45-005) and "Gas Pipe Line Transport" (catalogue No. 55-002). The publication "Sales of Manufactured and Natural Gas" (catalogue No. 45-005) will be confined to the sales of natural and manufactured gases, revenues and customers.

The new statistical series will provide data on the gas receipts by the Transport Systems which will correspond to the items 1 and 2, Table 1 "Gas Pipe Line Transport" while the receipts by Distribution Systems will correspond to item 1 Table 2 of the previous "Sales of Manufactured and Natural Gas" series catalogue No. 45-005. Deliveries by the Transport Systems to Distribution Systems, item 9, Table 1 in the former "Gas Pipe Line Transport" is now given in item 21, Table 1. Imports and exports continue to be reported in the same manner.

In January 1962, the gas utilities received from field gathering systems and processing plants 74.8 million Mcf. of natural gas, 50.2 million Mcf. of which was received by Transport Systems and 24.6 million Mcf. received directly by the Distribution Systems. In addition some 6.1 million Mcf. of natural gas was received from storage. The total supply of gas utilities, 81 million Mcf. was 34 per cent higher than in January 1961. Of the total supply, 50.5 million Mcf. were sold to ultimate customers in Canada, an increase of 19.8 per cent, while exports amounted to 29.5 million Mcf., an increase of about 100 per cent. The remaining gas was accounted for by losses, B.T.U. adjustments, line pack changes and small deliveries to storage. The Transport Systems delivered some 26.6 million Mcf. to Distribution Systems an increase of 8 per cent from the previous year.

The Transport Systems which represent virtually all of the major "inter-city" movements of natural gas had traffic amounting to 45.6 million Mcf. commodity miles or 1,040 million ton miles. The daily average deliveries of gas utilities amounted to 2.5 million Mcf./day.

Revenues for the month for the natural gas utilities was \$41,642,067. while manufactured and L.P.G. gas systems had revenues of \$255,984 for a total of \$41,898,051.

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Public Finance and Transportation Division

October 1962
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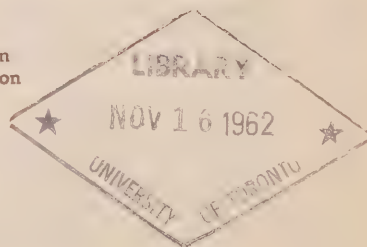


TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

January 1962

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
	Receipts from fields or processing plants:			
1	By transport systems	-	-	-
2	By distribution systems	7,744	-	2,307,043
3	Totals	7,744	-	2,307,043
4	Imports	-	-	-
5	Other receipts	4,246	-	1,624
6	Total net receipts	11,990	-	2,308,667
7	Received from storage	-	-	5,574,539
8	Total supply of gas utilities	11,990	-	7,883,206
	Transfers:			
9	Interprovincial	-	2,036,758	13,694,495
10	Other	-	2,005,738	22,763,689
11	Total gross receipts	11,990	4,042,496	44,341,390
	<u>Disposition</u>			
	Sales:			
12	Residential	8,004	849,126	9,051,936
13	Industrial	-	780,115	5,822,847
14	Commercial	1,651	218,921	2,708,342
15	Total sales	9,655	1,848,162	17,583,125
16	Exports	-	-	-
17	Other deliveries	-	-	141
18	Total net deliveries	9,655	1,848,162	17,583,266
19	Delivered to storage	-	-	-
	Transfers:			
20	Interprovincial	-	-	2,036,758
21	Transport to distribution	-	2,005,738	14,703,797
22	Other	-	31,020	8,070,540
23	Total gross deliveries	9,655	3,884,920	42,394,361
24	Line pack fluctuation	-	1,250	4,465
25	Gas used in system(1)	-	56,524	605,687
26	Adjustments (E.T.U.)	-	-	-
27	Line losses and unaccounted for	2,335	99,802	1,336,877
28	Total disposition	11,990	4,042,496	44,341,390

(1) Includes estimated figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

January 1962

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	January 1961	No.
					Canada	
Mcf.						
-	-	40,176,891	10,075,690	50,252,581	35,987,214	1
-	3,134,707	19,058,974	53,772	24,562,240	18,677,055	2
-	3,134,707	59,235,865	10,129,462	74,814,821	54,664,269	3
-	-	12,132	-	12,132	10,208	4
-	-	-	22,463	28,333	18,570	5
-	3,134,707	59,247,997	10,151,925	74,855,286	54,693,047	6
-	120,866	448,764	-	6,144,169	5,750,887	7
-	3,255,573	59,696,761	10,151,925	80,999,455	60,443,934	8
22,630,328	24,582,202	35,502	15,490,771	-	-	9
2,738,377	3,204,812	4,866,171	4,104,413	39,683,200	28,127,569	10
25,368,705	31,042,587	64,598,434	29,747,109	120,682,655	88,571,503	11
1,458,034	2,450,026	7,170,223	1,963,238	22,950,587	18,328,802	12
497,844	1,435,287	7,390,576	1,437,213	17,363,882	15,865,506	13
758,436	1,111,468	4,778,170	602,232	10,179,220	7,967,051	14
2,714,314	4,996,781	19,338,969	4,002,683	50,493,689	42,161,359	15
5,952,237	-	2,499,755	21,009,227	29,461,219	15,023,211	16
-	-	132,695	-	132,836	36,839	17
8,666,551	4,996,781	21,971,419	25,011,910	80,087,744	57,221,409	18
-	76,564	25,398	-	101,962	937,788	19
13,694,495	22,630,328	40,072,973	35,502	-	-	20
2,733,596	2,446,701	609,621	4,104,413	26,603,866	24,707,148	21
-	784,580	4,233,152	4,941	13,124,233	3,399,743	22
25,094,642	30,934,954	66,912,563	29,156,766	119,917,805	86,266,088	23
-	1,802	- 64,549	114,836	57,804	136,915	24
250,000	341,681	59,295	321,390	1,634,577	1,119,860	25
-	-	- 1,399,928	-	- 1,399,928)	1,048,640	(26
24,063	- 235,850	- 908,947	154,117	472,397)	-	(27
25,368,705	31,042,587	64,598,434	29,747,109	120,682,655	88,571,503	28

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month

January 1962

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
	Receipts from fields or processing plants:					
1	By transport systems	50,252,581				
2	By distribution systems	24,562,240				
3	Totals	74,814,821				
4	Imports	12,132				
5	Other receipts	28,333				
6	Total net receipts	74,855,286				
7	Received from storage	6,144,169				
8	Total supply of gas utilities	80,999,455				
	Transfers:					
9	Interprovincial	-				
10	Other	39,683,200				
11	Total gross receipts	120,682,655				
	<u>Disposition</u>					
	Sales:					
12	Residential	22,950,587				
13	Industrial	17,363,882				
14	Commercial	10,179,220				
15	Total sales	50,493,689				
16	Exports	29,461,219				
17	Other deliveries	132,836				
18	Total net deliveries	80,087,744				
19	Delivered to storage	101,962				
	Transfers:					
20	Interprovincial	-				
21	Transport to distribution	26,603,866				
22	Other	13,124,233				
23	Total gross deliveries	119,917,805				
24	Line pack fluctuation	57,804				
25	Gas used in system(1)	1,634,577				
26	Adjustments (B.T.U.)	- 1,399,928				
27	Line losses and unaccounted for	472,397				
28	Total disposition	120,682,655				

(1) Includes estimated figures.

TABLE 3. Operating Statistics: Natural Gas Utilities

January 1962

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Sendouts (Mcf.):			
January 1962:			
Daily average	1,808,551	1,628,828	2,586,764
Maximum (non-coincident)	2,197,284	...	...
Minimum (non-coincident)	1,674,343	...	...
January 1961:			
Daily average (Mcf.)	1,281,630	1,360,043	...
Maximum	1,607,830	...	...
Minimum	1,135,966	...	...
Year to date 1962 daily average (Mcf.)	1,808,551	1,628,828	2,586,764
Maximum	2,197,284	...	...
Minimum	1,674,343	...	...
Commodity miles:			
Mcf. miles (000's miles)	45,596,918	..	..
Ton miles (millions)	1,040	..	..
Line pack:			
Beginning of month (Mcf.)	6,185,569	..	..
End of month (Mcf.)	6,211,036	..	..
Operating revenues	(\$16,697,852	(\$33,157,411	(\$41,642,067(1

(1) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 4. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

January 1962

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	117,374	122,396
Deliveries to ultimate customers	148,813	108,621
Line pack fluctuations	216	281
Gas used in system	- 30,081	-
Metering difference, line losses, cyclical billing adjustments and unaccounted for	- 1,574	13,494
Total disposition	117,374	122,396
Daily average sendout	4,800	3,504
Revenues	(\$114,072	(\$141,912

CATALOGUE No.

55-002

MONTHLY

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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GAS UTILITIES

(Transport and Distribution Systems)

FEBRUARY 1962

Gas Utilities for February 1962 received from field gathering systems and processing plants 69.2 million Mcf. of natural gas, 48.1 million Mcf. of which was received by Transport Systems and 21.1 million Mcf. received directly by the Distribution Systems. Natural gas received from storage was 5.0 million Mcf. The total supply of gas utilities, 74 million Mcf. was 37 per cent higher than in February 1961. Of the total supply, 46.9 million Mcf. were sold to ultimate customers in Canada, an increase of 15 per cent, while exports amounted to 28.7 million Mcf., an increase of over 100 per cent. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, B.T.U. adjustments, line pack changes and small deliveries to storage. The Transport Systems delivered some 23.6 million Mcf. to Distribution Systems an increase of 15 per cent from the previous year.

Line pack changes include changes in the Transport Systems as well as certain changes in the transmission lines of the Distribution Systems. The changes in line pack of the Transport Systems are given separately in table 3.

The Transport Systems which represent virtually all of the major "inter-city" movements of natural gas had traffic amounting to 39.7 million Mcf. compared with 44.4^F million Mcf. commodity miles for January 1962; or 904 million ton miles compared with 1,013^F million ton miles for January 1962. The daily average deliveries of gas utilities amounted to 2.7 million Mcf./day.

Revenues for the month for the natural gas utilities was \$39,062,664 compared with \$40,720,869^F for January 1962. Manufactured and L.P.G. gas systems had revenues of \$234,966 for a combined total of \$39,297,630 for February 1962.

^F Contains revision.

Prepared in the Public Utilities Section
Public Finance and Transportation Division



November 1962
8506-503

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

February 1962

No.		New Brunswick	Quebec	Ontario
		Mcf.		
	<u>Receipts</u>			
	Receipts from fields or processing plants:			
1	By transport systems	-	-	1,102,206
2	By distribution systems	9,901	-	1,026,212
3	Totals	9,901	-	2,128,418
4	Imports	-	-	-
5	Other receipts	2,907	-	1,198
6	Total net receipts	12,808	-	2,129,616
7	Received from storage	-	-	4,592,156
8	Total supply of gas utilities	12,808	-	6,721,772
	Transfers:			
9	Interprovincial	-	1,872,092	12,500,854
10	Other	-	1,884,714	19,779,467
11	Total gross receipts	12,808	3,756,806	39,002,093
	<u>Disposition</u>			
	Sales:			
12	Residential	7,992	878,773	9,372,604
13	Industrial	-	672,546	5,269,778
14	Commercial	1,325	227,520	2,782,177
15	Total sales	9,317	1,778,839	17,424,559
16	Exports	-	-	-
17	Other deliveries	-	-	85
18	Total net deliveries	9,317	1,778,839	17,424,644
19	Delivered to storage	-	-	470,066
	Transfers:			
20	Interprovincial	-	-	1,872,092
21	Transport to distribution	-	1,872,092	13,371,050
22	Other	-	-	6,419,483
23	Total gross deliveries	9,317	3,650,931	39,557,335
24	Line pack fluctuation	-	- 3,700	- 87,187
25	Gas used in system(1)	-	48,895	568,056
26	Adjustments (B.T.U.)	-	-	-
27	Line losses and unaccounted for	3,491	60,680	- 1,036,111
28	Total disposition	12,808	3,756,806	39,002,093

(1) Includes estimated figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

February 1962

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	February 1961	No.
					Canada	
Mcf.						
-	-	37,279,837	9,691,240	48,073,283	33,493,653	1
-	2,732,203	17,317,758	53,944	21,140,018	16,515,904	2
-	2,732,203	54,597,595	9,745,184	69,213,301	50,009,557	3
-	-	10,122	-	10,122	8,671	4
-	-	-	-	4,105	12,930	5
-	2,732,203	54,607,717	9,745,184	69,227,528	50,031,158	6
-	109,383	253,524	2,534	4,957,597	3,581,159	7
-	2,841,586	54,861,241	9,747,718	74,185,125	53,612,317	8
20,781,955	22,570,808	45,808	14,574,806	-	-	9
2,321,038	2,909,985	4,212,624	3,243,331	34,351,159	21,730,735	10
23,102,993	28,322,379	59,119,673	27,565,855	108,536,284	75,343,052	11
1,338,391	2,240,249	6,167,218	1,544,012	21,549,239	17,799,483	12
450,427	1,527,721	6,604,118	1,253,111	15,777,701	14,770,178	13
723,721	1,032,695	4,261,280	540,205	9,568,923	7,722,967	14
2,512,539	4,800,665	17,032,616	3,337,328	46,895,863	40,292,628	15
5,710,063	-	2,198,979	20,811,220	28,720,262	14,283,852	16
-	-	34,144	-	34,229	33,618	17
8,222,602	4,800,665	19,265,739	24,148,548	75,650,354	54,610,098	18
-	37,064	33,816	-	540,946	898,031	19
12,500,854	20,781,955	37,145,614	45,808	-	-	20
2,321,038	2,230,441	547,516	3,243,665	23,585,802	20,679,907	21
-	703,617	3,641,950	-	10,765,050	1,022,149	22
23,044,494	28,553,742	60,634,635	27,438,021	110,542,152	77,210,185	23
-	- 7,756	9,885	- 87,898	- 176,656	415,552	24
250,000	331,937	70,009	278,798	1,547,695	1,132,895	25
-	-	- 1,014,598	-	- 1,014,598	) - 3,415,580	26
- 191,501	- 555,544	- 580,258	- 63,066	- 2,362,309	)	27
23,102,993	28,322,379	59,119,673	27,565,855	108,536,284	75,343,052	28

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month

February 1962

No.		January ^r	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
	Receipts from fields or processing plants:					
1	By transport systems	51,192,931	48,073,283			
2	By distribution systems	23,621,890	21,140,018			
3	Totals	74,814,821	69,213,301			
4	Imports	12,132	10,122			
5	Other receipts	28,333	4,105			
6	Total net receipts	74,855,286	69,227,528			
7	Received from storage	6,144,169	4,957,597			
8	Total supply of gas utilities	80,999,455	74,185,125			
	Transfers:					
9	Interprovincial	-	-			
10	Other	39,683,200	34,351,159			
11	Total gross receipts	120,682,655	108,536,284			
	<u>Disposition</u>					
	Sales:					
12	Residential	22,950,587	21,549,239			
13	Industrial	17,363,882	15,777,701			
14	Commercial	10,179,220	9,568,923			
15	Total sales	50,493,689	46,895,863			
16	Exports	29,461,219	28,720,262			
17	Other deliveries	132,836	34,229			
18	Total net deliveries	80,087,744	75,650,354			
19	Delivered to storage	101,962	540,946			
	Transfers:					
20	Interprovincial	-	-			
21	Transport to distribution	26,603,866	23,585,802			
22	Other	13,124,233	10,765,050			
23	Total gross deliveries	119,917,805	110,542,152			
24	Line pack fluctuation	57,804	- 176,656			
25	Gas used in system(1)	1,634,577	1,547,695			
26	Adjustments (B.T.U.)	- 1,399,928	- 1,014,598			
27	Line losses and unaccounted for	472,397	- 2,362,309			
28	Total disposition	120,682,655	108,536,284			

(1) Includes estimated figures.

^r Contains revision.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month
February 1962

June	July	August	September	October	November	December	Year to date		No.
							1962	1961	
				Mcf.					
							99,266,214	69,480,867	1
							44,761,908	35,192,959	2
							144,028,122	104,673,826	3
							22,254	18,879	4
							32,438	31,500	5
							144,082,814	104,724,205	6
							11,101,766	9,332,046	7
							155,184,580	114,056,251	8
							-	-	9
							74,034,359	49,858,304	10
							229,218,939	163,914,555	11
							44,499,826	36,128,285	12
							33,141,583	30,635,684	13
							19,748,143	15,690,018	14
							97,389,552	82,453,987	15
							58,181,481	29,307,063	16
							167,065	70,457	17
							155,738,098	111,831,507	18
							642,908	1,835,819	19
							-	-	20
							50,189,668	45,387,055	21
							23,889,283	4,421,892	22
							230,459,957	163,476,273	23
							- 118,852	552,467	24
							3,182,272	2,252,755	25
							- 2,414,526)	(2,366,940	(26
							- 1,889,912)	(- 2,366,940	(27
							229,218,939	163,914,555	28

TABLE 3. Operating Statistics: Natural Gas Utilities

February 1962

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Sendouts (Mcf.):			
February 1962:			
Daily average	1,868,074	1,674,852	2,721,118
Maximum (non-coincident)	2,226,408	...	...
Minimum (non-coincident)	1,679,528	...	...
February 1961:			
Daily average (Mcf.)	1,248,734	1,439,022	...
Maximum	1,609,894	...	...
Minimum	1,124,404	...	...
Year to date 1962:			
Daily average (Mcf.)	1,836,799	1,650,670	2,650,526
Maximum	2,226,408	...	...
Minimum	1,674,343	...	...
Commodity miles:			
Mcf. miles (000's miles)	39,660,325	..	..
Ton miles (millions)	904	..	..
Line pack:			
Beginning of month (Mcf.)	6,211,036	..	..
End of month (Mcf.)	6,057,606	..	..
Operating revenues	(\$15,336,919	(\$31,862,854	(\$39,062,664

(1) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 4. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

February 1962

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	116,085	99,446
Deliveries to ultimate customers	149,473	87,588
Line pack fluctuations	- 575	- 175
Gas used in system	- 30,897	-
Metering difference, line losses, cyclical billing adjustments and unaccounted for	- 1,916	12,033
Total disposition	116,085	99,446
Daily average sendout	5,338	3,128
Revenues	(\$110,066	(\$124,900

CATALOGUE No.

55-002

MONTHLY

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

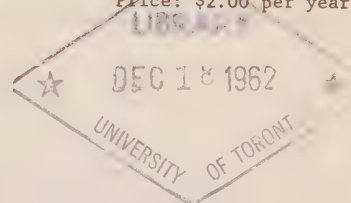
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GAS UTILITIES

MARCH 1962



In March 1962, the gas utilities received from field gathering systems and processing plants 72.8 million Mcf. of natural gas, 50.5 million Mcf. of which was received by transport systems and 22.3 million Mcf. received directly by the distribution systems. In addition, some 2.9 million Mcf. of natural gas was received from storage. The total supply of gas utilities, 75.8 million Mcf. was 36.3 per cent higher than in March 1961. Of the total supply, 46.4 million Mcf. were sold to ultimate customers in Canada, an increase of 20.4 per cent, while exports amounted to 30.5 million Mcf., an increase of 93 per cent. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, B.T.U. adjustments, line pack changes and small deliveries to storage. Transport systems delivered some 23.5 million Mcf. to distribution systems, an increase of 9.0 per cent from the previous year.

Line pack changes included changes in the transport systems as well as certain changes in the transmission lines of the distribution systems. The changes in line pack of the transport systems are given separately in table 3.

The transport systems which represent virtually all of the major "inter-city" movements of natural gas had traffic amounting to 45.2 billion commodity (Mcf.) miles compared with 37.1 billion for the same period last year. Ton miles for March 1962 totalled 1,031 million. The daily average deliveries of gas utilities amounted to 2.5 million Mcf./day.

Revenues for the natural gas utilities for the month was \$37,759,862. Manufactured and liquefied petroleum gases systems had revenues of \$225,924 for a combined total of \$37,985,786 for March 1962.

For the three month period January to March 1962, total net receipts totalled 217 million Mcf. compared with 157 million Mcf. last year and total net deliveries amounted to 233 million Mcf. compared with 166 million Mcf. for March 1961.

Prepared in the Public Utilities Section
Public Finance and Transportation Division

November 1962
8506-503

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

March 1962

No.		New Brunswick	Quebec	Ontario
		Mcf.		
	<u>Receipts</u>			
	Receipts from fields or processing plants:			
1	By transport systems	-	-	797,662
2	By distribution systems	9,330	-	1,157,692
3	Totals	9,330	-	1,955,354
4	Imports	-	-	-
5	Other receipts	3,885	-	193
6	Total net receipts	13,215	-	1,955,547
7	Received from storage	-	-	2,745,660
8	Total supply of gas utilities	13,215	-	4,701,207
	Transfers:			
9	Interprovincial	-	1,974,980	14,554,339
10	Other	-	1,977,355	19,463,690
11	Total gross receipts	13,215	3,952,335	38,719,236
	<u>Disposition</u>			
	Sales:			
12	Residential	6,908	656,471	7,959,922
13	Industrial	-	1,013,109	6,448,276
14	Commercial	1,208	202,480	2,404,503
15	Total sales	8,116	1,872,060	16,812,701
16	Exports	-	-	-
17	Other deliveries	-	-	71
18	Total net deliveries	8,116	1,872,060	16,812,772
19	Delivered to storage	-	-	825,043
	Transfers:			
20	Interprovincial	-	-	1,974,980
21	Transport to distribution	-	1,974,980	13,677,480
22	Other	-	-	5,779,038
23	Total gross deliveries	8,116	3,847,040	39,069,313
24	Line pack fluctuation	-	400	213,810
25	Gas used in system(1)	-	43,876	626,979
26	Adjustments (B.T.U.)	-	-	-
27	Line losses and unaccounted for	5,099	61,019	- 1,190,866
28	Total disposition	13,215	3,952,335	38,719,236

(1) Includes estimated figures.

r Revised figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

March 1962

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	March ^r 1961	No.
					Canada	
Mcf.						
-	-	38,961,478	10,797,541	50,556,681	35,435,644	1
-	2,821,885	18,261,412	51,274	22,301,593	17,059,826	2
-	2,821,885	57,222,890	10,848,815	72,858,274	52,495,470	3
-	-	10,411	-	10,411	7,719	4
-	-	-	-	4,078	11,320	5
-	2,821,885	57,233,301	10,848,815	72,872,763	52,514,509	6
-	11,445	186,587	-	2,943,692	3,124,750	7
-	2,833,330	57,419,888	10,848,815	75,816,455	55,639,259	8
22,461,941	24,004,070	34,960	15,526,094	-	-	9
1,966,418	2,652,965	4,593,407	3,577,686	34,231,521	27,615,048	10
24,428,359	29,490,365	62,048,255	29,952,595	110,047,976	83,254,307	11
1,064,444	2,139,372	6,375,392	1,581,321	19,783,830	15,002,391	12
250,576	1,436,588	7,176,788	1,384,468	17,709,805	16,795,024	13
608,355	960,526	4,247,654	518,766	8,943,492	6,784,642	14
1,923,375	4,536,486	17,799,834	3,484,555	46,437,127	38,582,057	15
5,691,184	-	2,460,968	22,319,061	30,471,213	15,787,681	16
-	-	71,287	-	71,358	-	17
7,614,559	4,536,486	20,332,089	25,803,616	76,979,698	54,369,738	18
-	171,906	56,891	-	1,053,840	1,513,930	19
14,554,339	22,461,941	39,530,164	34,960	-	-	20
1,966,418	1,977,887	279,391	3,575,036	23,451,192	21,520,661	21
-	697,685	4,267,687	-	10,744,410	6,097,045	22
24,135,316	29,845,905	64,466,222	29,413,612	112,229,140	83,501,374	23
-	- 23,417	- 94,380	150,936	247,349	- 168,259	24
250,000	328,899	72,044	343,945	1,665,743	1,154,173	25
-	-	- 1,066,971	-	- 1,066,971	-	26
43,043	- 661,022	- 1,328,660	44,102	- 3,027,285	- 1,232,981	27
24,428,359	29,490,365	62,048,255	29,952,595	110,047,976	83,254,307	28

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month

March 1962

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
	Receipts from fields or processing plants:					
1	By transport systems	51,192,931	48,073,283	50,556,681		
2	By distribution systems	23,621,890	21,140,018	22,301,593		
3	Totals	74,814,821	69,213,301	72,858,274		
4	Imports	12,132	10,122	10,411		
5	Other receipts	28,333	4,105	4,078		
6	Total net receipts	74,855,286	69,227,528	72,872,763		
7	Received from storage	6,144,169	4,957,597	2,943,692		
8	Total supply of gas utilities	80,999,455	74,185,125	75,816,455		
	Transfers:					
9	Interprovincial	-	-	-		
10	Other	39,683,200	34,351,159	34,231,521		
11	Total gross receipts	120,682,655	108,536,284	110,047,976		
	<u>Disposition</u>					
	Sales:					
12	Residential	22,950,587	21,549,239	19,783,830		
13	Industrial	17,363,882	15,777,701	17,709,805		
14	Commercial	10,179,220	9,568,923	8,943,492		
15	Total sales	50,493,689	46,895,863	46,437,127		
16	Exports	29,461,219	28,720,262	30,471,213		
17	Other deliveries	132,836	34,229	71,358		
18	Total net deliveries	80,087,744	75,650,354	76,979,698		
19	Delivered to storage	101,962	540,946	1,053,840		
	Transfers:					
20	Interprovincial	-	-	-		
21	Transport to distribution	26,603,866	23,585,802	23,451,192		
22	Other	13,124,233	10,765,050	10,744,410		
23	Total gross deliveries	119,917,805	110,542,152	112,229,140		
24	Line pack fluctuation	57,804	- 176,656	247,349		
25	Gas used in system(1)	1,634,577	1,547,695	1,665,743		
26	Adjustments (B.T.U.)	- 1,399,928	- 1,014,598	- 1,066,971		
27	Line losses and unaccounted for	472,397	- 2,362,309	- 3,027,285		
28	Total disposition	120,682,655	108,536,284	110,047,976		

(1) Includes estimated figures.

r Contains revision.

TABLE 3. Operating Statistics: Natural Gas Utilities

March 1962

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Sendouts (Mcf.):			
March 1962:			
Daily average	1,739,432	1,497,972	2,517,211
Maximum (non-coincident)	2,181,114	...	...
Minimum (non-coincident)	1,425,561	...	...
March 1961:			
Daily average (Mcf.)	1,203,650	1,244,583	...
Maximum	1,482,020	...	...
Minimum	1,095,491	...	...
Year to date 1962:			
Daily average (Mcf.)	1,803,262	1,598,074	2,604,606
Maximum	2,226,408	...	...
Minimum	1,425,561	...	...
Commodity miles:			
Mcf. miles (000's miles)	45,232,794	..	..
Ton miles (millions)	1,031	..	..
Line pack:			
Beginning of month (Mcf.)	6,057,606	..	..
End of month (Mcf.)	6,318,658	..	..
Operating revenues	(\$15,837,119	(\$29,987,175	(\$37,759,862(1)

(1) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 4. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

March 1962

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	112,895	108,742
Deliveries to ultimate customers	136,078	89,984
Line pack fluctuations	- 53	- 8
Gas used in system	- 24,491	-
Metering difference, line losses, cyclical billing adjustments and unaccounted for	1,361	18,766
Total disposition	112,895	108,742
Daily average sendout	4,390	2,903
Revenues	(\$98,753	(\$127,171

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MONTHLY

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GAS UTILITIES

(Transport and Distribution Systems)

APRIL 1962

The gas utilities for April 1962 received from field gathering systems and processing plants 60.7 million Mcf. of natural gas, 43.8 million Mcf. was received by transport systems and 16.9 million Mcf. received directly by the distribution systems. Natural gas received from storage was 0.4 million Mcf. The total supply of gas utilities, 62.0 million Mcf., was 25 per cent higher than in April 1961. Of the total supply, 38.0 million Mcf. were sold to ultimate customers in Canada, an increase of 11.0 per cent, while exports amounted to 27.0 million Mcf., an increase of 93.6 per cent. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, B.T.U. adjustments, line pack changes and small deliveries to storage. Transport systems delivered some 19.1 million Mcf. to distribution systems, a decrease of 1.8 per cent from last year.

Line pack changes included changes in the transport systems as well as certain changes in the transmission lines of the distribution systems; line pack changes for the transport systems are given separately in table 3.

The transport systems which represent virtually all of the major "inter-city" movements of natural gas had traffic amounting to 41.8 billion commodity (Mcf.) miles compared with 35.0 billion for the same period last year. Ton miles totalled 953 million for April 1962. The daily average deliveries of gas utilities amounted to 2.2 million Mcf./day.

Revenue for the natural gas utilities for the month was \$32.2 million; manufactured and liquefied petroleum gases systems \$204 thousand giving a combined utilities total of \$32.4 million.

For the four month period January to April 1962, net receipts totalled 279 million Mcf. compared with 205 million Mcf. last year; total net deliveries amounted to 298 million Mcf. compared with 214 million Mcf. for April 1961.

Volumes in this report are given in thousands of standard cubic feet (Mcf.) at 14.73 pounds per square inch absolute; and 60°F; sales volumes are given in thousands of standard cubic feet containing 1,000 B.T.U. per cubic foot.

Prepared in the Public Utilities Section
Public Finance and Transportation Division

December 1962
8506-503

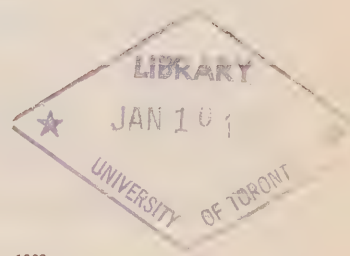


TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

April 1962

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
	Receipts from fields or processing plants:			
1	By transport systems	-	-	181,870
2	By distribution systems	9,886	-	1,046,338
3	Totals	9,886	-	1,228,208
4	Imports	-	-	904,650
5	Other receipts	330	-	-
6	Total net receipts	10,216	-	2,132,858
7	Received from storage	-	-	359,572
8	Total supply of gas utilities	10,216	-	2,492,430
	Transfers:			
9	Interprovincial	-	1,767,390	13,608,362
10	Other	-	1,762,012	17,899,370
11	Total gross receipts	10,216	3,529,402	34,000,162
	<u>Disposition</u>			
	Sales:			
12	Residential	6,755	495,794	5,696,519
13	Industrial	-	1,045,443	6,567,656
14	Commercial	1,144	147,758	1,758,123
15	Total sales	7,899	1,688,995	14,022,298
16	Exports	-	-	-
17	Other deliveries	-	-	60
18	Total net deliveries	7,899	1,688,995	14,022,358
19	Delivered to storage	-	2,350	1,208,437
	Transfers:			
20	Interprovincial	-	-	1,767,390
21	Transport to distribution	-	1,767,390	11,824,875
22	Other	-	-	6,267,517
23	Total gross deliveries	7,899	3,458,735	35,090,577
24	Line pack fluctuation	-	-	- 58,596
25	Gas used in system(1)	-	36,154	483,617
26	Adjustments (B.T.U.)	-	-	-
27	Line losses and unaccounted for	2,317	34,513	- 1,515,436
28	Total disposition	10,216	3,529,402	34,000,162

(1) Includes estimated figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

April 1962

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	April 1961	No.
					Canada	
Mcf.						
-	-	34,602,210	9,002,875	43,786,955	32,418,307	1
-	2,305,035	13,524,595	29,398	16,915,252	14,648,126	2
-	2,305,035	48,126,805	9,032,273	60,702,207	47,066,433	3
-	-	4,803	-	909,453	703,111	4
-	-	-	-	330	7,465	5
-	2,305,035	48,131,608	9,032,273	61,611,990	47,777,009	6
-	-	696	-	360,268	1,736,309	7
-	2,305,035	48,132,304	9,032,273	61,972,258	49,513,318	8
19,840,514	20,774,271	3,403	14,118,799	-	-	9
1,432,238	1,384,971	4,104,644	2,741,340	29,324,575	25,841,032	10
21,272,752	24,464,277	52,240,351	25,892,412	91,296,833	75,354,350	11
795,158	1,551,558	3,982,074	1,114,493	13,642,351	12,416,069	12
425,227	1,835,924	6,887,719	1,340,584	18,102,553	16,116,940	13
474,049	722,428	2,817,224	370,725	6,291,451	5,598,281	14
1,694,434	4,109,910	13,687,017	2,825,802	38,036,355	34,131,290	15
4,599,914	-	2,109,346	20,332,012	27,041,272	13,970,471	16
-	-	12,859	-	12,919	113	17
6,294,348	4,109,910	15,809,222	23,157,814	65,090,546	48,101,874	18
-	250,258	229,255	-	1,690,300	1,985,607	19
13,608,362	19,840,514	34,893,070	3,403	-	-	20
1,432,238	1,062,232	394,103	2,631,701	19,112,539	19,456,192	21
-	334,188	3,667,815	-	10,269,520	6,383,366	22
21,334,948	25,597,102	54,993,465	25,792,918	96,162,905	75,927,039	23
-	- 3,023	- 25,057	- 201,351	- 288,027	180,307	24
200,000	257,920	60,604	253,766	1,292,061	1,091,066	25
-	-	- 873,639	-	- 873,639	)	( 26
- 262,196	- 1,387,722	- 1,915,022	47,079	- 4,996,467	) - 1,844,062	(27
21,272,752	24,464,277	52,240,351	25,892,412	91,296,833	75,354,350	28

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month

April 1962

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
	Receipts from fields or processing plants:					
1	By transport systems	51,192,931	48,073,283	50,556,681	43,786,955	
2	By distribution systems	23,621,890	21,140,018	22,301,593	16,915,252	
3	Totals	74,814,821	69,213,301	72,858,274	60,702,207	
4	Imports	12,132	10,122	10,411	909,453	
5	Other receipts	28,333	4,105	4,078	330	
6	Total net receipts	74,855,286	69,227,528	72,872,763	61,611,990	
7	Received from storage	6,144,169	4,957,597	2,943,692	360,268	
8	Total supply of gas utilities	80,999,455	74,185,125	75,816,455	61,972,258	
	Transfers:					
9	Interprovincial	-	-	-	-	
10	Other	39,683,200	34,351,159	34,231,521	29,324,575	
11	Total gross receipts	120,682,655	108,536,284	110,047,976	91,296,833	
	<u>Disposition</u>					
	Sales:					
12	Residential	22,950,587	21,549,239	19,783,830	13,642,351	
13	Industrial	17,363,882	15,777,701	17,709,805	18,102,553	
14	Commercial	10,179,220	9,568,923	8,943,492	6,291,451	
15	Total sales	50,493,689	46,895,863	46,437,127	38,036,355	
16	Exports	29,461,219	28,720,262	30,471,213	27,041,272	
17	Other deliveries	132,836	34,229	71,358	12,919	
18	Total net deliveries	80,087,744	75,650,354	76,979,698	65,090,546	
19	Delivered to storage	101,962	540,946	1,053,840	1,690,300	
	Transfers:					
20	Interprovincial	-	-	-	-	
21	Transport to distribution	26,603,866	23,585,802	23,451,192	19,112,539	
22	Other	13,124,233	10,765,050	10,744,410	10,269,520	
23	Total gross deliveries	119,917,805	110,542,152	112,229,140	96,162,905	
24	Line pack fluctuation	57,804	- 176,656	247,349	- 288,027	
25	Gas used in system(1)	1,634,577	1,547,695	1,665,743	1,292,061	
26	Adjustments (B.T.U.)	- 1,399,928	- 1,014,598	- 1,066,971	- 873,639	
27	Line losses and unaccounted for	472,397	- 2,362,309	- 3,027,285	- 4,996,467	
28	Total disposition	120,682,655	108,536,284	110,047,976	91,296,833	

(1) Includes estimated figures.

TABLE 3. Operating Statistics: Natural Gas Utilities

April 1962

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Sendouts (Mcf.):			
April 1962:			
Daily average	1,538,460	1,267,879	2,226,028
Maximum (non-coincident)	1,931,729	...	...
Minimum (non-coincident)	1,329,889	...	...
April 1961:			
Daily average (Mcf.)	1,114,304	1,137,710	...
Maximum	1,285,662	...	...
Minimum	981,505	...	...
Year to date 1962:			
Daily average (Mcf.)	1,737,061	1,515,525	2,513,112
Maximum	2,226,408	...	...
Minimum	1,329,889	...	...
Commodity miles:			
Mcf. miles (000's miles)	41,815,659	..	..
Ton miles (millions)	953	..	..
Line pack:			
Beginning of month (Mcf.)	6,318,658	..	..
End of month (Mcf.)	6,037,249	..	..
Operating revenues	(\$)15,463,306	(\$)23,905,172	(\$)32,232,630(1)

(1) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 4. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

April 1962

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	100,191	84,887
Deliveries to ultimate customers	131,140	75,298
Line pack fluctuations	- 59	- 23
Gas used in system	- 18,750	-
Metering difference, line losses, cyclical billing adjustments and unaccounted for	- 12,140	9,612
Total disposition	100,191	84,887
Daily average sendout	4,371	2,510
Revenues	(\$)95,428	(\$)108,756

CATALOGUE No.

55-002

MONTHLY

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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GAS UTILITIES

MAY 1962

In May 1962, gas utilities received from field gathering systems and processing plants 60.1 million Mcf. of natural gas. The transport systems received 44.7 million Mcf. and the distribution systems received 15.4 million Mcf. Receipts from storage were 12 thousand Mcf. The total supply of gas utilities, 60.9 million Mcf., was 37.2 per cent higher than in May 1961. Of the total supply, 30.5 million Mcf. were sold to ultimate customers in Canada, an increase of 2.3 per cent, while exports amounted to 28.7 million Mcf., an increase of 97.9 per cent. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, B.T.U. adjustments, line pack changes and small deliveries to storage. Transport systems delivered some 16.3 million Mcf. to distribution systems, a decrease of 3.0 per cent from last year.

Line pack changes included changes in the transport systems as well as certain changes in the transmission lines of the distribution systems; line pack changes for the transport systems are given separately in table 3.

The transport systems which represent virtually all of the major "inter-city" movements of natural gas had traffic amounting to 42.8 billion commodity Mcf. miles compared with 33.7 billion for the same period last year. Ton miles totalled 975 million for May 1962. The daily average deliveries of gas utilities amounted to 2.1 million Mcf./day.

Revenue for the natural gas utilities for the month was \$26.8 million; manufactured and liquefied petroleum gases systems \$194 thousand, giving a combined utilities total of \$27.0 million.

For the five month period January to May 1962, net receipts totalled 339 million Mcf. compared with 248 million Mcf. last year; total net deliveries amounted to 357 million Mcf. compared with 259 million Mcf. for May 1961.

Volumes in this report are given in thousands of Standard Cubic Feet Mcf. at 14.73 pounds per square inch absolute, and 60 F; sales volumes are given in thousands of Standard Cubic Feet containing 1,000 B.T.U. per cubic foot.

Prepared in the Public Utilities Section
Public Finance and Transportation Division

January 1963
8506-503

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

May 1962

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
	Receipts from fields or processing plants:			
1	By transport systems	-	-	-
2	By distribution systems	9,619	-	750,223
3	Totals	9,619	-	750,223
4	Imports	-	-	832,219
5	Other receipts	-	-	-
6	Total net receipts	9,619	-	1,582,442
7	Received from storage	-	-	11,517
8	Total supply of gas utilities	9,619	-	1,593,959
	Transfers:			
9	Interprovincial	-	1,860,001	13,443,769
10	Other	-	1,799,939	16,948,821
11	Total gross receipts	9,619	3,659,940	31,986,549
	<u>Disposition</u>			
	Sales:			
12	Residential	6,452	333,968	3,260,689
13	Industrial	-	1,308,789	6,284,841
14	Commercial	1,012	124,645	1,077,437
15	Total sales	7,464	1,767,402	10,622,967
16	Exports	-	-	-
17	Other deliveries	-	-	26
18	Total net deliveries	7,464	1,767,402	10,622,993
19	Delivered to storage	-	1,750	3,709,308
	Transfers:			
20	Interprovincial	-	-	1,860,001
21	Transport to distribution	-	1,860,001	9,863,480
22	Other	-	-	7,098,787
23	Total gross deliveries	7,464	3,629,153	33,154,569
24	Line pack fluctuation	-	-	- 147,354
25	Gas used in system(1)	-	40,728	467,852
26	Adjustments (B.T.U.)	-	-	-
27	Line losses and unaccounted for	2,155	- 9,941	- 1,488,518
28	Total disposition	9,619	3,659,940	31,986,549

(1) Includes estimated figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

May 1962

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	May ^r 1961	No.
					Canada	
Mcf.						
-	-	35,449,628	9,226,815	44,676,443	30,043,844	1
-	1,969,251	12,673,610	16,799	15,419,502	12,416,551	2
-	1,969,251	48,123,238	9,243,614	60,095,945	42,460,395	3
-	-	3,441	-	835,660	772,582	4
-	-	-	-	-	3,972	5
-	1,969,251	48,126,679	9,243,614	60,931,605	43,236,949	6
-	-	-	-	11,517	1,118,764	7
-	1,969,251	48,126,679	9,243,614	60,943,122	44,355,713	8
19,465,131	20,103,733	-	15,324,844	-	-	9
1,068,357	930,115	3,814,313	2,492,663	27,054,208	24,629,438	10
20,533,488	23,003,099	51,940,992	27,061,121	87,997,330	68,985,151	11
462,661	896,865	2,570,097	834,008	8,364,740	8,923,548	12
498,694	1,319,371	7,305,420	1,390,812	18,107,927	16,811,272	13
293,794	393,257	1,835,776	267,083	3,993,004	4,111,039	14
1,255,149	2,609,493	11,711,293	2,491,903	30,465,671	29,845,859	15
4,753,005	-	2,253,925	21,658,483	28,665,413	14,459,312	16
-	-	11,308	-	11,334	83	17
6,008,154	2,609,493	13,976,526	24,150,386	59,142,418	44,305,254	18
-	291,640	300,767	-	4,303,465	3,312,416	19
13,443,769	19,465,131	35,428,577	-	-	-	20
1,068,357	686,211	356,601	2,493,477	16,328,127	16,806,394	21
-	251,915	3,517,560	-	10,868,262	7,846,757	22
20,520,280	23,304,390	53,580,031	26,643,863	90,642,272	72,270,821	23
-	- 11,231	77,101	130,244	48,760	- 497,807	24
200,000	240,689	54,977	292,357	1,296,603	844,649	25
-	-	- 1,068,889	-	- 1,068,889	- 3,632,512	26
- 186,792	- 530,749	- 702,228	- 5,343	- 2,921,416	- 3,632,512	27
20,533,488	23,003,099	51,940,992	27,061,121	87,997,330	68,985,151	28

^r Contains revision.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month

May 1962

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
	Receipts from fields or processing plants:					
1	By transport systems	51,192,931	48,073,283	50,556,681	43,786,955	44,676,443
2	By distribution systems	23,621,890	21,140,018	22,301,593	16,915,252	15,419,502
3	Totals	74,814,821	69,213,301	72,858,274	60,702,207	60,095,945
4	Imports	12,132	10,122	10,411	909,453	835,660
5	Other receipts	28,333	4,105	4,078	330	-
6	Total net receipts	74,855,286	69,227,528	72,872,763	61,611,990	60,931,605
7	Received from storage	6,144,169	4,957,597	2,943,692	360,268	11,517
8	Total supply of gas utilities	80,999,455	74,185,125	75,816,455	61,972,258	60,943,122
	Transfers:					
9	Interprovincial	-	-	-	-	-
10	Other	39,683,200	34,351,159	34,231,521	29,324,575	27,054,208
11	Total gross receipts	120,682,655	108,536,284	110,047,976	91,296,833	87,997,330
	<u>Disposition</u>					
	Sales:					
12	Residential	22,950,587	21,549,239	19,783,830	13,642,351	8,364,740
13	Industrial	17,363,882	15,777,701	17,709,805	18,102,553	18,107,927
14	Commercial	10,179,220	9,568,923	8,943,492	6,291,451	3,993,004
15	Total sales	50,493,689	46,895,863	46,437,127	38,036,355	30,465,671
16	Exports	29,461,219	28,720,262	30,471,213	27,041,272	28,665,413
17	Other deliveries	132,836	34,229	71,358	12,919	11,334
18	Total net deliveries	80,087,744	75,650,354	76,979,698	65,090,546	59,142,418
19	Delivered to storage	101,962	540,946	1,053,840	1,690,300	4,303,465
	Transfers:					
20	Interprovincial	-	-	-	-	-
21	Transport to distribution	26,603,866	23,585,802	23,451,192	19,112,539	16,328,127
22	Other	13,124,233	10,765,050	10,744,410	10,269,520	10,868,262
23	Total gross deliveries	119,917,805	110,542,152	112,229,140	96,162,905	90,642,272
24	Line pack fluctuation	57,804	- 176,656	247,349	- 288,027	48,760
25	Gas used in system(1)	1,634,577	1,547,695	1,665,743	1,292,061	1,296,603
26	Adjustments (B.T.U.)	- 1,399,928	- 1,014,598	- 1,066,971	- 873,639	- 1,068,889
27	Line losses and unaccounted for	472,397	- 2,362,309	- 3,027,285	- 4,996,467	- 2,921,416
28	Total disposition	120,682,655	108,536,284	110,047,976	91,296,833	87,997,330

(1) Includes estimated figures.

TABLE 3. Operating Statistics: Natural Gas Utilities

May 1962

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Sendouts (Mcf.):			
May 1962:			
Daily average	1,451,405	982,764	2,093,791
Maximum (non-coincident)	1,812,723	...	...
Minimum (non-coincident)	1,287,457	...	...
May 1961:			
Daily average (Mcf.)	1,008,741	962,770	...
Maximum	1,329,518	...	...
Minimum	871,207	...	...
Year to date 1962:			
Daily average (Mcf.)	1,678,417	1,406,150	2,427,026
Maximum	2,226,408	...	...
Minimum	1,287,457	...	...
Commodity miles:			
Mcf. miles (000's miles)	42,794,747	..	..
Ton miles (millions)	975	..	..
Line pack:			
Beginning of month (Mcf.)	6,037,249	..	..
End of month (Mcf.)	6,108,990	..	..
Operating revenues	(\$)15,090,948	(\$)18,150,079	(\$)26,822,573(

(1) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 4. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

May 1962

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	100,427	81,02
Deliveries to ultimate customers	131,024	68,75
Line pack fluctuations	2,041	- 1
Gas used in system	- 22,835	
Metering difference, line losses, cyclical billing adjustments and unaccounted for	- 9,803	12,28
Total disposition	100,427	81,02
Daily average sendout	4,227	2,21
Revenues	(\$)94,196	(\$)99,96

CATALOGUE No.

55-002

MONTHLY

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

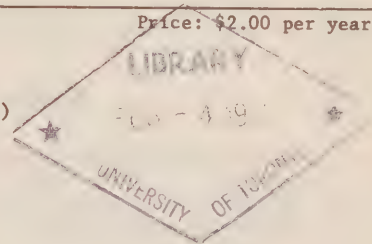
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GAS UTILITIES
(Transport and Distribution Systems)

JUNE 1962



During June 1962, gas utilities received from field gathering systems and processing plants 54.7 million Mcf. of natural gas. Of this, 41.7 million Mcf. was received by transport systems and 13.0 million Mcf. received directly into the distribution systems. Natural gas received from storage was 48 thousand Mcf. The total supply of gas utilities, 55.6 million Mcf., was 46.3 per cent higher than in June 1961. Of the total supply, 25.0 million Mcf. were sold to ultimate customers in Canada, an increase of 12.6 per cent while exports amounted to 27.8 million Mcf., an increase of 110.6 per cent. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, B.T.U. adjustments, line pack changes and small deliveries to storage. Transport systems delivered some 14.7 million Mcf. to distribution systems, an increase of 5.8 per cent from last year.

Line pack changes included changes in the transport systems as well as certain changes in the transmission lines of the distribution systems; line pack changes for the transport systems are given separately in table 3.

The transport systems which represent virtually all of the major "inter-city" movements of natural gas had traffic amounting to 40.2 billion commodity (Mcf.) miles compared with 29.7 billion for the same period last year. Ton miles totalled 917 million for June 1962. The daily average deliveries of gas utilities amounted to 2.0 million Mcf./day.

Revenue for the natural gas utilities for the month was \$21.6 million; manufactured and liquefied petroleum gases systems \$174.0 thousand, giving a combined utilities total of \$21.8 million.

For the six month period January to June 1962, net receipts totalled 395 million Mcf. compared with 285 million Mcf. last year; total net deliveries amounted to 410 million Mcf. compared with 294 million Mcf. for June 1961.

Volumes in this report are given in thousands of standard cubic feet (Mcf.) at 14.73 pounds per square inch absolute, and 60°F; sales volumes are given in thousands of standard cubic feet containing 1,000 B.T.U. per cubic foot.

Prepared in the Public Utilities Section
Public Finance and Transportation Division

January 1963
8506-503

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

June 1962

No.		New Brunswick	Quebec	Ontario
		Mcf.		
	<u>Receipts</u>			
	Receipts from fields or processing plants:			
1	By transport systems	-	-	-
2	By distribution systems	8,262	-	576,847
3	Totals	8,262	-	576,847
4	Imports	-	-	820,378
5	Other receipts	-	-	-
6	Total net receipts	8,262	-	1,397,225
7	Received from storage	-	-	-
8	Total supply of gas utilities	8,262	-	1,397,225
	Transfers:			
9	Interprovincial	-	1,999,867	12,735,301
10	Other	-	2,067,532	15,938,303
11	Total gross receipts	8,262	4,067,399	30,070,829
	<u>Disposition</u>			
	Sales:			
12	Residential	5,800	239,083	1,677,994
13	Industrial	-	1,592,690	5,961,506
14	Commercial	834	86,449	668,978
15	Total sales	6,634	1,918,222	8,308,478
16	Exports	-	-	-
17	Other deliveries	-	-	-
18	Total net deliveries	6,634	1,918,222	8,308,478
19	Delivered to storage	-	-	4,079,637
	Transfers:			
20	Interprovincial	-	-	1,999,867
21	Transport to distribution	-	1,999,867	8,928,107
22	Other	-	-	7,022,871
23	Total gross deliveries	6,634	3,918,089	30,338,960
24	Line pack fluctuation	-	150	- 107,127
25	Gas used in system(1)	-	35,290	425,982
26	Adjustments (B.T.U.)	-	-	-
27	Line losses and unaccounted for	1,628	113,870	- 586,986
28	Total disposition	8,262	4,067,399	30,070,829

(1) Includes estimated figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

June 1962

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	June 1961	No.
					Canada	
Mcf.						
-	-	34,174,431	7,551,304	41,725,735	26,233,999	1
-	1,701,342	10,710,796	11,549	13,008,796	9,785,428	2
-	1,701,342	44,885,227	7,562,853	54,734,531	36,019,427	3
-	-	1,962	-	822,340	827,004	4
-	-	-	-	-	3,142	5
-	1,701,342	44,887,189	7,562,853	55,556,871	36,849,573	6
-	-	47,752	-	47,752	1,139,351	7
-	1,701,342	44,934,941	7,562,853	55,604,623	37,988,924	8
18,141,063	18,673,556	-	15,702,826	-	-	9
623,409	1,152,084	3,883,563	2,128,696	25,793,587	23,111,378	10
18,764,472	21,526,982	48,818,504	25,394,375	81,398,210	61,100,302	11
246,189	522,040	1,624,313	468,145	4,783,564	4,672,978	12
426,620	1,758,821	6,467,682	1,487,298	17,694,617	15,327,536	13
174,220	232,264	1,164,031	187,052	2,513,828	2,222,747	14
847,029	2,513,125	9,256,026	2,142,495	24,992,009	22,223,261	15
4,594,853	-	2,354,981	20,844,667	27,794,501	13,187,296	16
-	-	40,517	-	40,517	5,028	17
5,441,882	2,513,125	11,651,524	22,987,162	52,827,027	35,415,585	18
-	60,246	358,166	-	4,498,049	4,352,745	19
12,735,301	18,141,063	34,376,382	-	-	-	20
623,409	750,565	230,679	2,130,056	14,662,683	13,909,130	21
-	412,627	3,631,375	-	11,066,873	9,254,504	22
18,800,592	21,877,626	50,248,126	25,117,218	83,054,632	62,931,964	23
-	- 12,553	- 107,962	- 155,700	- 383,192	- 286,433	24
187,500	219,820	54,043	224,661	1,147,296	777,462	25
-	-	- 1,017,641	-	- 1,017,641	- 2,322,691	(26
- 223,620	- 557,911	- 358,062	208,196	- 1,402,885	-	(27
18,764,472	21,526,982	48,818,504	25,394,375	81,398,210	61,100,302	28

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month

June 1962

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
	Receipts from fields or processing plants:					
1	By transport systems	51,192,931	48,073,283	50,556,681	43,786,955	44,676,443
2	By distribution systems	23,621,890	21,140,018	22,301,593	16,915,252	15,419,502
3	Totals	74,814,821	69,213,301	72,858,274	60,702,207	60,095,945
4	Imports	12,132	10,122	10,411	909,453	835,660
5	Other receipts	28,333	4,105	4,078	330	-
6	Total net receipts	74,855,286	69,227,528	72,872,763	61,611,990	60,931,605
7	Received from storage	6,144,169	4,957,597	2,943,692	360,268	11,517
8	Total supply of gas utilities	80,999,455	74,185,125	75,816,455	61,972,258	60,943,122
	Transfers:					
9	Interprovincial	-	-	-	-	-
10	Other	39,683,200	34,351,159	34,231,521	29,324,575	27,054,208
11	Total gross receipts	120,682,655	108,536,284	110,047,976	91,296,833	87,997,330
	<u>Disposition</u>					
	Sales:					
12	Residential	22,950,587	21,549,239	19,783,830	13,642,351	8,364,740
13	Industrial	17,363,882	15,777,701	17,709,805	18,102,553	18,107,927
14	Commercial	10,179,220	9,568,923	8,943,492	6,291,451	3,993,004
15	Total sales	50,493,689	46,895,863	46,437,127	38,036,355	30,465,671
16	Exports	29,461,219	28,720,262	30,471,213	27,041,272	28,665,413
17	Other deliveries	132,836	34,229	71,358	12,919	11,334
18	Total net deliveries	80,087,744	75,650,354	76,979,698	65,090,546	59,142,418
19	Delivered to storage	101,962	540,946	1,053,840	1,690,300	4,303,465
	Transfers:					
20	Interprovincial	-	-	-	-	-
21	Transport to distribution	26,603,866	23,585,802	23,451,192	19,112,539	16,328,127
22	Other	13,124,233	10,765,050	10,744,410	10,269,520	10,868,262
23	Total gross deliveries	119,917,805	110,542,152	112,229,140	96,162,905	90,642,272
24	Line pack fluctuation	57,804	- 176,656	247,349	- 288,027	48,760
25	Gas used in system(1)	1,634,577	1,547,695	1,665,743	1,292,061	1,296,603
26	Adjustments (B.T.U.)	- 1,399,928	- 1,014,598	- 1,066,971	- 873,639	- 1,068,889
27	Line losses and unaccounted for	472,397	- 2,362,309	- 3,027,285	- 4,996,467	- 2,921,416
28	Total disposition	120,682,655	108,536,284	110,047,976	91,296,833	87,997,330

(1) Includes estimated figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month
June 1962

June	July	August	September	October	November	December	Year to date		No.
							1962	1961	
Mcf.									
41,725,735							280,012,028	193,612,661	1
13,008,796							112,407,051	89,102,890	2
54,734,531							392,419,079	282,715,551	3
822,340							2,600,118	2,329,295	4
-							36,846	57,399	5
55,556,871							395,056,043	285,102,245	6
47,752							14,464,995	16,451,220	7
55,604,623							409,521,038	301,553,465	8
-							-	-	9
25,793,587							190,438,250	151,055,200	10
81,398,210							599,959,288	452,608,665	11
4,783,564							91,074,311	77,143,271	12
17,694,617							104,756,485	95,686,456	13
2,513,828							41,489,918	34,406,727	14
24,992,009							237,320,714	207,236,454	15
27,794,501							172,153,880	86,711,823	16
40,517							303,193	75,681	17
52,827,027							409,777,787	294,023,958	18
4,498,049							12,188,562	13,000,517	19
-							-	-	20
14,662,683							123,744,209	117,079,432	21
11,066,873							66,838,348	34,003,564	22
83,054,632							612,548,906	458,107,471	23
- 383,192							- 493,962	- 219,725	24
1,147,296							8,583,975	6,120,105	25
1,017,641							- 6,441,666	- 11,399,186	26
1,402,885							- 14,237,965	- 11,399,186	27
81,398,210							599,959,288	452,608,665	28

TABLE 3. Operating Statistics: Natural Gas Utilities

June 1962

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Sendouts (Mcf.):			
June 1962:			
Daily average	1,415,239	833,067	1,970,104
Maximum (non-coincident)	1,689,411	...	...
Minimum (non-coincident)	1,314,261	...	...
June 1961:			
Daily average (Mcf.)	903,379	740,775	...
Maximum	1,207,070	...	...
Minimum	718,225	...	...
Year to date 1962:			
Daily average (Mcf.)	1,634,796	1,311,164	2,351,293
Maximum	2,226,408	...	...
Minimum	1,287,457	...	...
Commodity miles:			
Mcf, miles (000's miles)	40,232,553	..	..
Ton miles (millions)	917	..	..
Line pack:			
Beginning of month (Mcf.)	6,108,990	..	..
End of month (Mcf.)	5,732,593	..	..
Operating revenues	(\$14,199,879	(\$13,409,645	(\$21,617,303(1)

(1) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 4. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

June 1962

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	93,817	68,473
Deliveries to ultimate customers	113,914	61,016
Line pack fluctuations	979	- 42
Gas used in system	- 18,847	-
Metering difference, line losses, cyclical billing adjustments and unaccounted for	- 2,229	7,499
Total disposition	93,817	68,473
Daily average sendout	3,797	2,034
Revenues	(\$84,246	(\$90,013)

CATALOGUE No.

55-002

MONTHLY

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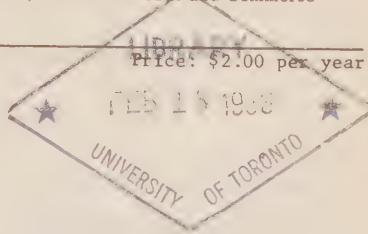
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GAS UTILITIES

(Transport and Distribution Systems)

JULY 1962



Gas Utilities for July 1962 received from field gathering systems and processing plants 55.8 million Mcf. of natural gas, 43.4 million Mcf. of which was received by transport systems and 12.4 million Mcf. received directly by the distribution systems. Natural gas received from storage was 78 thousand Mcf. The total supply of gas utilities, 56.8 million Mcf. was 53.2 per cent higher than in July 1961. Of the total supply, 22.2 million Mcf. were sold to ultimate customers in Canada, an increase of 17.8 per cent, while exports amounted to 29.0 million Mcf., an increase of 123.5 per cent. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, B.T.U. adjustments, line pack changes and small deliveries to storage. Transport systems delivered 14.3 million Mcf. to distribution systems, an increase of 14.4 per cent over last year.

For the twelve month period ended July 1962 exports totalled 275 million Mcf., while net deliveries amounted to 686 million Mcf.

Line pack changes include changes in the transport systems as well as certain changes in the transmission lines of the distribution systems. The changes in line pack of the transport systems are given separately in table 3.

The transport systems which represent virtually all of the major "inter-city" movements of natural gas had traffic amounting to 41.3 billion commodity (Mcf.) miles during July compared with 26.8 billion for the same period last year. Ton miles totalled 942 million for July 1962. The daily average deliveries of gas utilities amounted to 1.8 million Mcf./day.

Revenue for the natural gas utilities for the month was \$19,768,915; manufactured and liquefied petroleum gases systems \$153,501 giving a combined utilities total of \$19,922,416.

For the seven month period January to July 1962, net receipts totalled 452 million Mcf. compared with 321 million Mcf. last year; total net deliveries amounted to 461 million Mcf. compared with 326 million Mcf. for July 1961.

Volumes in this report are given in thousands of standard cubic feet (Mcf.) at 14.73 pounds per square inch absolute, and 60°F; sales volumes are given in thousands of standard cubic feet containing 1,000 B.T.U. per cubic foot.

Prepared in the Public Utilities Section
Public Finance and Transportation Division

February 1963
8506-503

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

July 1962

No.		New Brunswick	Quebec	Ontario
		Mcf.		
	<u>Receipts</u>			
	Receipts from fields or processing plants:			
1	By transport systems	-	-	-
2	By distribution systems	8,408	-	437,138
3	Totals	8,408	-	437,138
4	Imports	-	-	942,557
5	Other receipts	-	-	-
6	Total net receipts	8,408	-	1,379,695
7	Received from storage	-	-	-
8	Total supply of gas utilities	8,408	-	1,379,695
	Transfers:			
9	Interprovincial	-	2,022,223	13,243,082
10	Other	-	2,022,223	16,285,439
11	Total gross receipts	8,408	4,044,446	30,908,216
	<u>Disposition</u>			
	Sales:			
12	Residential	5,512	202,848	1,201,942
13	Industrial	-	1,677,245	5,660,059
14	Commercial	1,100	82,531	494,779
15	Total sales	6,612	1,962,624	7,356,780
16	Exports	-	-	-
17	Other deliveries	-	-	-
18	Total net deliveries	6,612	1,962,624	7,356,780
19	Delivered to storage	-	-	4,966,012
	Transfers:			
20	Interprovincial	-	-	2,022,223
21	Transport to distribution	-	2,022,223	8,883,870
22	Other	-	-	7,406,232
23	Total gross deliveries	6,612	3,984,847	30,635,117
24	Line pack fluctuation	-	350	- 21,549
25	Gas used in system(1)	-	26,058	484,016
26	Adjustments (B.T.U.)	-	-	-
27	Line losses and unaccounted for	1,796	33,191	- 189,368
28	Total disposition	8,408	4,044,446	30,908,216

(1) Includes estimated figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

July 1962

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	July ^r 1961	No.
					Canada	
Mcf.						
-	-	35,511,914	7,930,466	43,442,380	25,007,095	1
-	1,550,612	10,369,832	8,156	12,374,146	9,732,594	2
-	1,550,612	45,881,746	7,938,622	55,816,526	34,739,689	3
-	-	1,422	-	943,979	898,535	4
-	-	-	-	-	2,310	5
-	1,550,612	45,883,168	7,938,622	56,760,505	35,640,534	6
-	37,637	40,113	-	77,750	1,471,287	7
-	1,588,249	45,923,281	7,938,622	56,838,255	37,111,821	8
18,791,905	19,251,051	-	16,677,069	-	-	9
604,521	1,360,300	3,606,951	1,664,983	25,544,417	22,230,707	10
19,396,426	22,199,600	49,530,232	26,280,674	82,382,672	59,342,528	11
109,276	265,131	1,062,418	382,727	3,229,854	2,808,697	12
449,601	1,607,908	6,683,120	1,114,374	17,192,307	14,505,149	13
80,205	120,940	823,303	157,034	1,759,892	1,512,229	14
639,082	1,993,979	8,568,841	1,654,135	22,182,053	18,826,075	15
4,744,302	-	2,017,516	22,227,884	28,989,702	12,969,280	16
-	-	64,754	-	64,754	5,322	17
5,383,384	1,993,979	10,651,111	23,882,019	51,236,509	31,800,677	18
-	-	452,710	-	5,418,722	4,433,316	19
13,243,082	18,791,905	35,928,120	-	-	-	20
604,521	811,915	306,485	1,668,195	14,297,209	12,498,724	21
-	562,383	3,246,628	-	11,215,243	9,778,280	22
19,230,987	22,160,182	50,585,054	25,550,214	82,167,683	58,510,997	23
-	1,235	- 101,931	106,987	- 14,908	99,311	24
200,000	257,378	56,099	220,996	1,244,547	679,531	25
-	-	- 1,259,595	-	- 1,259,595)	52,689	(26
- 34,561	- 219,195	250,605	402,477	244,945)		(27
19,396,426	22,199,600	49,530,232	26,280,674	82,382,672	59,342,528	28

^r Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month

July 1962

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
	Receipts from fields or processing plants:					
1	By transport systems	51,192,931	48,073,283	50,556,681	43,786,955	44,676,443
2	By distribution systems	23,621,890	21,140,018	22,301,593	16,915,252	15,419,502
3	Totals	74,814,821	69,213,301	72,858,274	60,702,207	60,095,945
4	Imports	12,132	10,122	10,411	909,453	835,660
5	Other receipts	28,333	4,105	4,078	330	-
6	Total net receipts	74,855,286	69,227,528	72,872,763	61,611,990	60,931,605
7	Received from storage	6,144,169	4,957,597	2,943,692	360,268	11,517
8	Total supply of gas utilities	80,999,455	74,185,125	75,816,455	61,972,258	60,943,122
	Transfers:					
9	Interprovincial	-	-	-	-	-
10	Other	39,683,200	34,351,159	34,231,521	29,324,575	27,054,208
11	Total gross receipts	120,682,655	108,536,284	110,047,976	91,296,833	87,997,330
	<u>Disposition</u>					
	Sales:					
12	Residential	22,950,587	21,549,239	19,783,830	13,642,351	8,364,740
13	Industrial	17,363,882	15,777,701	17,709,805	18,102,553	18,107,927
14	Commercial	10,179,220	9,568,923	8,943,492	6,291,451	3,993,004
15	Total sales	50,493,689	46,895,863	46,437,127	38,036,355	30,465,671
16	Exports	29,461,219	28,720,262	30,471,213	27,041,272	28,665,413
17	Other deliveries	132,836	34,229	71,358	12,919	11,334
18	Total net deliveries	80,087,744	75,650,354	76,979,698	65,090,546	59,142,418
19	Delivered to storage	101,962	540,946	1,053,840	1,690,300	4,303,465
	Transfers:					
20	Interprovincial	-	-	-	-	-
21	Transport to distribution	26,603,866	23,585,802	23,451,192	19,112,539	16,328,127
22	Other	13,124,233	10,765,050	10,744,410	10,269,520	10,868,262
23	Total gross deliveries	119,917,805	110,542,152	112,229,140	96,162,905	90,642,272
24	Line pack fluctuation	57,804	- 176,656	247,349	- 288,027	48,760
25	Gas used in system(l)	1,634,577	1,547,695	1,665,743	1,292,061	1,296,603
26	Adjustments (B.T.U.)	- 1,399,928	- 1,014,598	- 1,066,971	- 873,639	- 1,068,889
27	Line losses and unaccounted for	472,397	- 2,362,309	- 3,027,285	- 4,996,467	- 2,921,416
28	Total disposition	120,682,655	108,536,284	110,047,976	91,296,833	87,997,330

(1) Includes estimated figures.

TABLE 3. Operating Statistics: Natural Gas Utilities

July 1962

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Sendouts (Mcf.):			
July 1962:			
Daily average	1,396,352	715,550	1,827,588
Maximum (non-coincident)	1,675,004	...	...
Minimum (non-coincident)	1,257,536	...	...
July 1961:			
Daily average (Mcf.)	821,718	607,293	...
Maximum	1,166,771	...	...
Minimum	630,125	...	...
Year to date 1962:			
Daily average (Mcf.)	1,599,929	1,224,070	2,274,714
Maximum	2,226,408	...	...
Minimum	1,257,536	...	...
Commodity miles:			
Mcf. miles (000's miles)	41,341,418	..	..
Ton miles (millions)	942	..	..
Line pack:			
Beginning of month (Mcf.)	5,732,593	..	..
End of month (Mcf.)	5,724,972	..	..
Operating revenues	(\$)14,240,212	(\$)11,426,794	(\$)19,768,915(1)

(1) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 4. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

July 1962

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	77,553	65,809
Deliveries to ultimate customers	87,205	57,156
Line pack fluctuations	698	42
Gas used in system	- 14,958	-
Metering difference, line losses, cyclical billing adjustments and unaccounted for	4,608	8,611
Total disposition	77,553	65,809
Daily average sendout	2,813	1,844
Revenues	(\$)67,762	(\$)85,739

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GAS UTILITIES
(Transport and Distribution Systems)

AUGUST 1962

In August 1962, gas utilities received from field gathering systems and processing plants 57.6 million Mcf. of natural gas. The transport systems received 43.9 million Mcf. and the distribution systems received 13.7 million Mcf. Receipts from storage were 221 thousand Mcf. The total supply of gas utilities, 58.8 million Mcf., was 49.2 per cent higher than in August 1961. Of the total supply, 23.1 million Mcf. were sold to ultimate customers in Canada, an increase of 13.5 per cent, while exports amounted to 30.2 million Mcf., an increase of 149.8 per cent. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, B.T.U. adjustments, line pack changes and small deliveries to storage. Transport systems delivered some 14.7 million Mcf. to distribution systems, showing a slight increase over last year.

For the twelve month period ended August 1962, exports totalled 293 million Mcf., while net deliveries amounted to 707 million Mcf.

Line pack changes included changes in the transport systems as well as certain changes in the transmission lines of the distribution systems; line pack changes for the transport systems are given separately in table 3.

The transport systems which represent virtually all of the major "inter-city" movements of natural gas had traffic amounting to 40.0 billion commodity Mcf. miles compared with 33.5 billion for the same period last year. Ton miles totalled 912 million for August 1962. The daily average deliveries of gas utilities amounted to 1.9 million Mcf./day.

Revenue for the natural gas utilities for the month was \$19,919,210; manufactured and liquefied petroleum gases systems \$171,459 giving a combined utilities total of \$20,090,669.

For the eight month period January to August 1962, net receipts totalled 510 million Mcf. compared with 360 million Mcf. last year; total net deliveries amounted to 514 million Mcf. compared with 358 million Mcf. for August 1961.

Volumes in this report are given in thousands of standard cubic feet (Mcf.) at 14.73 pounds per square inch absolute, and 60°F; sales volumes are given in thousands of standard cubic feet containing 1,000 B.T.U. per cubic foot.

Prepared in the Public Utilities Section
Public Finance and Transportation DivisionFebruary 1963
8506-503

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

August 1962

No.		New Brunswick	Quebec	Ontario
		Mcf.		
	<u>Receipts</u>			
	Receipts from fields or processing plants:			
1	By transport systems	-	-	-
2	By distribution systems	7,535	-	584,304
3	Totals	7,535	-	584,304
4	Imports	-	-	942,143
5	Other receipts	-	-	-
6	Total net receipts	7,535	-	1,526,447
7	Received from storage	-	-	60,712
8	Total supply of gas utilities	7,535	-	1,587,159
	Transfers:			
9	Interprovincial	-	2,084,236	12,741,021
10	Other	-	2,077,387	15,633,367
11	Total gross receipts	7,535	4,161,623	29,961,547
	<u>Disposition</u>			
	Sales:			
12	Residential	5,010	206,550	1,120,145
13	Industrial	-	1,699,536	6,097,165
14	Commercial	1,000	84,741	681,306
15	Total sales	6,010	1,990,827	7,898,616
16	Exports	-	-	-
17	Other deliveries	-	-	-
18	Total net deliveries	6,010	1,990,827	7,898,616
19	Delivered to storage	-	-	3,608,025
	Transfers:			
20	Interprovincial	-	-	2,084,236
21	Transport to distribution	-	2,084,127	9,175,839
22	Other	-	-	6,467,412
23	Total gross deliveries	6,010	4,074,954	29,234,128
24	Line pack fluctuation	-	- 450	87,141
25	Gas used in system(1)	-	33,878	473,614
26	Adjustments (B.T.U.)	-	-	-
27	Line losses and unaccounted for	1,525	53,241	166,664
28	Total disposition	7,535	4,161,623	29,961,547

(1) Includes estimated figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

August 1962

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	August 1961	No.
					Canada	
Mcf.						
-	-	35,291,916	8,628,079	43,919,995	28,310,138	1
-	1,826,797	11,268,582	13,924	13,701,142	10,109,165	2
-	1,826,797	46,560,498	8,642,003	57,621,137	38,419,303	3
-	-	1,606	-	943,749	900,449	4
-	-	-	-	-	1,890	5
-	1,826,797	46,562,104	8,642,003	58,564,886	39,321,642	6
-	6,968	153,793	-	221,473	87,546	7
-	1,833,765	46,715,897	8,642,003	58,786,359	39,409,188	8
18,390,935	18,856,706	-	17,058,059	-	-	9
731,952	1,365,233	3,298,680	1,794,041	24,900,660	25,151,628	10
19,122,887	22,055,704	50,014,577	27,494,103	83,687,019	64,560,816	11
113,664	218,354	959,709	380,190	3,003,622	2,546,531	12
549,234	1,458,531	7,218,124	1,231,332	18,253,922	16,204,291	13
78,321	98,878	749,648	149,725	1,843,619	1,600,879	14
741,219	1,775,763	8,927,481	1,761,247	23,101,163	20,351,701	15
4,742,962	-	2,122,567	23,338,887	30,204,416	12,085,446	16
-	-	33,062	12,530	45,592	5,197	17
5,484,181	1,775,763	11,083,110	25,112,664	53,351,171	32,442,344	18
-	219,621	520,372	-	4,348,018	5,510,793	19
12,741,021	18,390,935	35,914,765	-	-	-	20
731,952	840,922	51,413	1,795,601	14,679,854	14,627,730	21
-	559,720	3,228,577	35	10,255,744	10,557,659	22
18,957,154	21,786,961	50,798,237	26,908,300	82,634,787	63,138,526	23
-	- 9,443	181,751	11,350	270,349	84,375	24
175,000	202,495	62,838	252,705	1,200,530	949,741	25
-	-	- 1,239,509	-	- 1,239,509	388,174	(26
- 9,267	75,691	211,260	321,748	820,862		(27
19,122,887	22,055,704	50,014,577	27,494,103	83,687,019	64,560,816	28

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month

August 1962

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
	Receipts from fields or processing plants:					
1	By transport systems	51,192,931	48,073,283	50,556,681	43,786,955	44,676,443
2	By distribution systems	23,621,890	21,140,018	22,301,593	16,915,252	15,419,502
3	Totals	74,814,821	69,213,301	72,858,274	60,702,207	60,095,945
4	Imports	12,132	10,122	10,411	909,453	835,660
5	Other receipts	28,333	4,105	4,078	330	-
6	Total net receipts	74,855,286	69,227,528	72,872,763	61,611,990	60,931,605
7	Received from storage	6,144,169	4,957,597	2,943,692	360,268	11,517
8	Total supply of gas utilities	80,999,455	74,185,125	75,816,455	61,972,258	60,943,122
	Transfers:					
9	Interprovincial	-	-	-	-	-
10	Other	39,683,200	34,351,159	34,231,521	29,324,575	27,054,208
11	Total gross receipts	120,682,655	108,536,284	110,047,976	91,296,833	87,997,330
	<u>Disposition</u>					
	Sales:					
12	Residential	22,950,587	21,549,239	19,783,830	13,642,351	8,364,740
13	Industrial	17,363,882	15,777,701	17,709,805	18,102,553	18,107,927
14	Commercial	10,179,220	9,568,923	8,943,492	6,291,451	3,993,004
15	Total sales	50,493,689	46,895,863	46,437,127	38,036,355	30,465,671
16	Exports	29,461,219	28,720,262	30,471,213	27,041,272	28,665,413
17	Other deliveries	132,836	34,229	71,358	12,919	11,334
18	Total net deliveries	80,087,744	75,650,354	76,979,698	65,090,546	59,142,418
19	Delivered to storage	101,962	540,946	1,053,840	1,690,300	4,303,465
	Transfers:					
20	Interprovincial	-	-	-	-	-
21	Transport to distribution	26,603,866	23,585,802	23,451,192	19,112,539	16,328,127
22	Other	13,124,233	10,765,050	10,744,410	10,269,520	10,868,262
23	Total gross deliveries	119,917,805	110,542,152	112,229,140	96,162,905	90,642,272
24	Line pack fluctuation	57,804	- 176,656	247,349	- 288,027	48,760
25	Gas used in system(1)	1,634,577	1,547,695	1,665,743	1,292,061	1,296,603
26	Adjustments (B.T.U.)	- 1,399,928	- 1,014,598	- 1,066,971	- 873,639	- 1,068,889
27	Line losses and unaccounted for	472,397	- 2,362,309	- 3,027,285	- 4,996,467	- 2,921,416
28	Total disposition	120,682,655	108,536,284	110,047,976	91,296,833	87,997,330

(1) Includes estimated figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month

August 1962

June	July	August	September	October	November	December	Year to date		No.
							1962	1961 ^r	
Mcf.									
41,725,735	43,442,380	43,919,995							
13,008,796	12,374,146	13,701,142					367,374,403	246,929,894	1
54,734,531	55,816,526	57,621,137					138,482,339	108,944,649	2
							505,856,742	355,874,543	3
822,340	943,979	943,749					4,487,846	4,128,279	4
-	-	-					36,846	61,599	5
55,556,871	56,760,505	58,564,886					510,381,434	360,064,421	6
47,752	77,750	221,473					14,764,218	18,010,053	
55,604,623	56,838,255	58,786,359					525,145,652	378,074,474	
-	-	-					-	-	
25,793,587	25,544,417	24,900,660					240,883,327	198,437,535	9
81,398,210	82,382,672	83,687,019					766,028,979	576,512,009	10 11
4,783,564	3,229,854	3,003,622							
17,694,617	17,192,307	18,253,922					97,307,787	82,498,499	12
2,513,828	1,759,892	1,843,619					140,202,714	126,395,896	13
24,992,009	22,182,053	23,101,163					45,093,429	37,519,835	14
							282,603,930	246,414,230	15
27,794,501	28,989,702	30,204,416					231,347,998	111,766,549	16
40,517	64,754	45,592					413,539	86,200	17
52,827,027	51,236,509	53,351,171					514,365,467	358,266,979	18
4,498,049	5,418,722	4,348,018					21,955,302	22,944,626	19
-	-	-							
14,662,683	14,297,209	14,679,854					-	-	20
11,066,873	11,215,243	10,255,744					152,721,272	144,205,886	21
83,054,632	82,167,683	82,634,787					88,309,335	54,339,503	22
							777,351,376	579,756,994	23
- 383,192	- 14,908	270,349					- 238,521	- 36,039	24
1,147,296	1,244,547	1,200,530					11,029,052	7,749,377	25
1,017,641	- 1,259,595	- 1,239,509					- 8,940,770	- 10,958,323	(26)
1,402,885	244,945	820,862					- 13,172,158	-	(27)
81,398,210	82,382,672	83,687,019					766,028,979	576,512,009	28

Revised figures.

TABLE 3. Operating Statistics: Natural Gas Utilities

August 1962

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Sendouts (Mcf.):			
August 1962:			
Daily average	1,447,880	745,199	1,861,264
Maximum (non-coincident)	1,734,794	...	...
Minimum (non-coincident)	1,196,955	...	...
August 1961:			
Daily average (Mcf.)	861,883	656,506	...
Maximum	1,084,450	...	...
Minimum	784,954	...	...
Year to date 1962:			
Daily average (Mcf.)	1,580,532	1,162,979	2,221,969
Maximum	2,226,408	...	...
Minimum	1,196,955	...	...
Commodity miles:			
Mcf. miles (000's miles)	40,003,227	..	..
Ton miles (millions)	912	..	..
Line pack:			
Beginning of month (Mcf.)	5,724,972	..	..
End of month (Mcf.)	6,016,089	..	..
Operating revenues	(\$14,207,382	(\$11,785,067	(\$19,919,210(1)

(1) Interindustry revenues eliminated.
 .. Figures not available.
 ... Figures not appropriate or not applicable.

TABLE 4. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

August 1962

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	102,688	69,532
Deliveries to ultimate customers	122,545	58,187
Line pack fluctuations	- 1,368	- 31
Gas used in system	- 23,733	-
Metering difference, line losses, cyclical billing adjustments and unaccounted for	5,244	11,376
Total disposition	102,688	69,532
Daily average sendout	3,953	1,877
Revenues	(\$83,292	(\$88,167

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Gas Utilities
(Transport and Distribution Systems)

SEPTEMBER 1962

During September 1962 gas utilities received from field gathering systems and processing plants 60.4 million Mcf. of natural gas, 45.1 million Mcf. of which was received by transport systems and 15.3 million Mcf. received by the distribution systems. Natural gas received from storage amounted to 299,578 Mcf. The total supply of gas utilities, 61.6 million Mcf., was 44.8 per cent higher than in September 1961. Of the total supply, 25.7 million Mcf. were sold to ultimate customers in Canada, an increase of 12.0 per cent, while exports amounted to 30.7 million Mcf., an increase of 155.0 per cent. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, B.T.U. adjustments, line pack changes and small deliveries to storage. Transport systems delivered 16.1 million Mcf. to distribution systems, an increase of 11.2 per cent over last year.

For the twelve-month period ended September 1962 exports totalled 312 million Mcf., and net deliveries 729 million Mcf.

Line pack changes included changes in the transport systems as well as certain changes in the transmission lines of the distribution systems. The changes in line pack of the transport systems are given separately in Table 3.

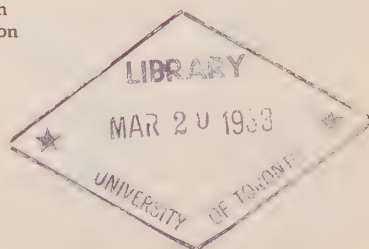
The transport systems which represent virtually all of the major "inter-city" movements of natural gas had traffic amounting to 40.5 billion commodity (Mcf.) miles during September compared with 31.8 billion for the same period last year. Ton miles totalled 922 million for September 1962. The daily average deliveries of gas utilities amounted to 2.0 million Mcf./day.

Revenue for the natural gas utilities for the month was \$21,560,133 and for manufactured and liquefied petroleum gases systems was \$174,640 giving a combined utilities total of \$21,734,773.

For the nine-month period January to September 1962, net receipts totalled 572 million Mcf. compared with 402 million Mcf. last year; total net deliveries amounted to 571 million Mcf. compared with 393 million Mcf. for the same nine months in 1961.

Volumes in this report are given in thousands of standard cubic feet (Mcf.) at 14.73 pounds per square inch absolute, and 60°F; sales volumes are given in thousands of standard cubic feet containing 1,000 B.T.U. per cubic foot.

Prepared in the public Utilities Section
Public Finance and Transportation Division



March 1963
8506-503

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

September 1962

No.		New Brunswick	Quebec	Ontario
		Mcf.		
	<u>Receipts</u>			
	Receipts from fields or processing plants:			
1	By transport systems	-	-	-
2	By distribution systems	7,929	-	795,875
3	Totals	7,929	-	795,875
4	Imports	-	-	859,154
5	Other receipts	-	-	-
6	Total net receipts	7,929	-	1,655,029
7	Received from storage	-	-	177,429
8	Total supply of gas utilities	7,929	-	1,832,458
	Transfers:			
9	Interprovincial	-	2,115,280	12,702,075
10	Other	-	2,134,925	15,508,181
11	Total gross receipts	7,929	4,250,205	30,042,714
	<u>Disposition</u>			
	Sales:			
12	Residential	4,648	302,596	1,401,098
13	Industrial	-	1,581,616	6,201,996
14	Commercial	909	94,374	1,113,257
15	Total sales	5,557	1,978,586	8,716,351
16	Exports	-	-	4,023
17	Other deliveries	-	-	-
18	Total net deliveries	5,557	1,978,586	8,720,374
19	Delivered to storage	-	-	2,162,773
	Transfers:			
20	Interprovincial	-	-	2,115,280
21	Transport to distribution	-	2,115,280	9,729,434
22	Other	-	-	5,800,503
23	Total gross deliveries	5,557	4,093,866	28,528,364
24	Line pack fluctuation	-	450	93,795
25	Gas used in system(1)	-	42,615	452,768
26	Adjustments (B.T.U.)	-	-	-
27	Line losses and unaccounted for	2,372	113,274	967,787
28	Total disposition	7,929	4,250,205	30,042,714

(1) Includes estimated figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

September 1962

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	September 1961	No.
					Canada	
Mcf.						
-	-	36,229,370	8,828,511	45,057,881	29,083,517	1
-	1,880,391	12,628,604	18,897	15,331,696	11,986,889	2
-	1,880,391	48,857,974	8,847,408	60,389,577	41,070,406	3
-	-	3,249	-	862,403	798,627	4
-	-	-	-	-	-	5
-	1,880,391	48,861,223	8,847,408	61,251,980	41,869,033	6
-	-	122,149	-	299,578	647,975	7
-	1,880,391	48,983,372	8,847,408	61,551,558	42,517,008	8
18,560,708	19,278,629	-	17,475,698	-	-	9
1,038,642	1,578,104	3,590,464	2,077,345	25,927,661	23,830,422	10
19,599,350	22,737,124	52,573,836	28,400,451	87,479,219	66,347,430	11
217,804	326,930	1,475,815	480,446	4,209,337	3,559,576	12
572,955	1,431,792	7,535,639	1,360,738	18,684,736	16,832,836	13
124,499	139,605	1,144,144	179,587	2,796,375	2,544,786	14
915,258	1,898,327	10,155,598	2,020,771	25,690,448	22,937,198	15
4,619,991	-	2,267,713	23,791,623	30,683,350	12,030,665	16
-	-	18,695	-	18,695	4,630	17
5,535,249	1,898,327	12,442,006	25,812,394	56,392,493	34,972,493	18
-	148,153	183,902	-	2,494,828	3,549,188	19
12,702,075	18,560,708	36,754,327	-	-	-	20
1,038,642	1,059,445	90,657	2,078,997	16,112,455	14,487,124	21
-	550,943	3,488,550	238	9,840,234	9,376,459	22
19,275,966	22,217,576	52,959,442	27,891,629	84,840,010	62,385,264	23
-	30,033	3,575	- 26,896	100,957	25,991	24
200,000	226,252	44,999	277,055	1,243,689	908,583	25
-	-	- 1,133,832	-	- 1,133,832)	3,027,592	(26
123,384	263,263	699,652	258,663	2,428,395)	-	(27
19,599,350	22,737,124	52,573,836	28,400,451	87,479,219	66,347,430	28

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month

September 1962

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
	Receipts from fields or processing plants:					
1	By transport systems	51,192,931	48,073,283	50,556,681	43,786,955	44,676,443
2	By distribution systems	23,621,890	21,140,018	22,301,593	16,915,252	15,419,502
3	Totals	74,814,821	69,213,301	72,858,274	60,702,207	60,095,945
4	Imports	12,132	10,122	10,411	909,453	835,660
5	Other receipts	28,333	4,105	4,078	330	-
6	Total net receipts	74,855,286	69,227,528	72,872,763	61,611,990	60,931,605
7	Received from storage	6,144,169	4,957,597	2,943,692	360,268	11,517
8	Total supply of gas utilities	80,999,455	74,185,125	75,816,455	61,972,258	60,943,122
	Transfers:					
9	Interprovincial	-	-	-	-	-
10	Other	39,683,200	34,351,159	34,231,521	29,324,575	27,054,208
11	Total gross receipts	120,682,655	108,536,284	110,047,976	91,296,833	87,997,330
	<u>Disposition</u>					
	Sales:					
12	Residential	22,950,587	21,549,239	19,783,830	13,642,351	8,364,740
13	Industrial	17,363,882	15,777,701	17,709,805	18,102,553	18,107,927
14	Commercial	10,179,220	9,568,923	8,943,492	6,291,451	3,993,004
15	Total sales	50,493,689	46,895,863	46,437,127	38,036,355	30,465,671
16	Exports	29,461,219	28,720,262	30,471,213	27,041,272	28,665,413
17	Other deliveries	132,836	34,229	71,358	12,919	11,334
18	Total net deliveries	80,087,744	75,650,354	76,979,698	65,090,546	59,142,418
19	Delivered to storage	101,962	540,946	1,053,840	1,690,300	4,303,465
	Transfers:					
20	Interprovincial	-	-	-	-	-
21	Transport to distribution	26,603,866	23,585,802	23,451,192	19,112,539	16,328,127
22	Other	13,124,233	10,765,050	10,744,410	10,269,520	10,868,262
23	Total gross deliveries	119,917,805	110,542,152	112,229,140	96,162,905	90,642,272
24	Line pack fluctuation	57,804	- 176,656	247,349	- 288,027	48,760
25	Gas used in system(1)	1,634,577	1,547,695	1,665,743	1,292,061	1,296,603
26	Adjustments (B.T.U.)	- 1,399,928	- 1,014,598	- 1,066,971	- 873,639	- 1,068,889
27	Line losses and unaccounted for	472,397	- 2,362,309	- 3,027,285	- 4,996,467	- 2,921,416
28	Total disposition	120,682,655	108,536,284	110,047,976	91,296,833	87,997,330

(1) Includes estimated figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month
September 1962

June	July	August	September	October	November	December	Year to date		No.
							1962	1961 ^r	
Mcf.									
41,725,735	43,442,380	43,919,995	45,057,881				412,432,284	276,013,411	1
13,008,796	12,374,146	13,701,142	15,331,696				153,814,035	120,931,538	2
54,734,531	55,816,526	57,621,137	60,389,577				566,246,319	396,944,949	3
822,340	943,979	943,749	862,403				5,350,249	4,926,906	4
-	-	-	-				36,846	61,599	5
55,556,871	56,760,505	58,564,886	61,251,980				571,633,414	401,933,454	6
47,752	77,750	221,473	299,578				15,063,796	18,658,028	7
55,604,623	56,838,255	58,786,359	61,551,558				586,697,210	420,591,482	8
-	-	-	-				-	-	9
25,793,587	25,544,417	24,900,660	25,927,661				266,810,988	222,267,957	10
81,398,210	82,382,672	83,687,019	87,479,219				853,508,198	642,859,439	11
4,783,564	3,229,854	3,003,622	4,209,337				101,517,124	86,058,075	12
17,694,617	17,192,307	18,253,922	18,684,736				158,887,450	143,228,732	13
2,513,828	1,759,892	1,843,619	2,796,375				47,889,804	40,064,621	14
24,992,009	22,182,053	23,101,163	25,690,448				308,294,378	269,351,428	15
27,794,501	28,989,702	30,204,416	30,683,350				262,031,348	123,797,214	16
40,517	64,754	45,592	18,695				432,234	90,830	17
2,827,027	51,236,509	53,351,171	56,392,493				570,757,960	393,239,472	18
4,498,049	5,418,722	4,348,018	2,494,828				24,450,130	26,493,814	19
4,662,683	14,297,209	14,679,854	16,112,455				-	-	20
1,066,873	11,215,243	10,255,744	9,840,234				168,833,727	158,693,010	21
3,054,632	82,167,683	82,634,787	84,840,010				98,149,569	63,715,962	22
-	-	-	-				862,191,386	642,142,258	23
383,192	- 14,908	270,349	100,957				- 137,564	- 10,048	24
1,147,296	1,244,547	1,200,530	1,243,689				12,272,741	8,657,960	25
1,017,641	- 1,259,595	1,239,509	- 1,133,832				- 10,074,602	- 7,930,731	(26
1,402,885	244,945	820,862	2,428,395				- 10,743,763	-	(27
1,398,210	82,382,672	83,687,019	87,479,219				853,508,198	642,859,439	28

^rRevised figures.

TABLE 3. Operating Statistics: Natural Gas Utilities

September 1962

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Sendouts (Mcf.):			
September 1962:			
Daily average	1,559,860	856,348	1,962,911
Maximum (non-coincident)	1,921,493	...	...
Minimum (non-coincident)	1,274,410	...	...
September 1961:			
Daily average (Mcf.)	884,081	764,573	...
Maximum	1,216,904	...	...
Minimum	814,436	...	...
Year to date 1962:			
Daily average (Mcf.)	1,578,260	1,129,283	2,193,501
Maximum	2,226,408	...	...
Minimum	1,196,955	...	...
Commodity miles:			
Mcf. miles (000's miles)	40,451,727	..	..
Ton miles (millions)	922	..	..
Line pack:			
Beginning of month (Mcf.)	6,016,089	..	..
End of month (Mcf.)	6,090,007	..	..
Operating revenues	(\$)14,309,144	(\$)13,741,983	(\$)21,560,133(1)

(1) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 4. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

September 1962

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	99,846	70,145
Deliveries to ultimate customers	121,086	62,614
Line pack fluctuations	2,687	- 22
Gas used in system	- 28,315	-
Metering difference, line losses, cyclical billing adjustments and unaccounted for	4,388	7,553
Total disposition	99,846	70,145
Daily average sendout	4,036	2,087
Revenues	(\$)83,864	(\$)90,776

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GAS UTILITIES

(Transport and Distribution Systems)

OCTOBER 1962

In October 1962, gas utilities received from field gathering systems and processing plants 67.5 million Mcf. of natural gas, of which 49.1 million Mcf. was received by transport systems and 18.4 million Mcf. was received by the distribution systems. Natural gas received from storage was 1.5 million Mcf. The total supply of gas utilities, 69.1 million Mcf., was 40.5 per cent higher than October 1961. Of the total supply, 30.1 million Mcf. was sold to ultimate customers in Canada, an increase of 2.1 per cent, and 33.5 million Mcf. was exported, an increase of 170.7 per cent. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, B.T.U. adjustments, line pack changes and small deliveries to storage. Transport systems delivered 18.3 million Mcf. to distribution systems, a slight decrease from last year.

For the twelve-month period ended October 1962, exports totalled 333 million Mcf. and net deliveries 750 million Mcf.

Line pack changes included changes in the transport systems as well as certain changes in the transmission lines of the distribution systems; line pack changes for the transport systems are given separately in Table 3.

The transport systems which represent virtually all of the major "inter-city" movements of natural gas had traffic amounting to 43.5 billion commodity (Mcf.) miles compared with 35.3 billion for the same period last year. Ton miles totalled 993 million for October 1962. The daily average deliveries of gas utilities amounted to 2.1 million Mcf./day.

Revenue for the natural gas utilities for the month was \$25,478,734 and manufactured and liquefied petroleum gases systems \$203,046 giving a combined utilities total of \$25,681,780.

For the ten-month period January to October 1962, net receipts totalled 639 million Mcf. compared with 450 million Mcf. last year; total net deliveries amounted to 634 million Mcf. compared with 435 million Mcf. for the same ten months in 1961.

Volumes in this report are given in thousands of standard cubic feet (Mcf.) at 14.73 pounds per square inch absolute, and 60°F; sales volumes are given in thousands of standard cubic feet containing 1,000 B.T.U. per cubic foot.

Prepared in the Public Utilities Section
Public Finance and Transportation Division

March 1963
8506-503

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

October 1962

No.		New Brunswick	Quebec	Ontario
		Mcf.		
	<u>Receipts</u>			
	Receipts from fields or processing plants:			
1	By transport systems	-	-	-
2	By distribution systems	8,859	-	1,173,598
3	Totals	8,859	-	1,173,598
4	Imports	-	-	104,570
5	Other receipts	-	-	-
6	Total net receipts	8,859	-	1,278,168
7	Received from storage	-	-	1,407,847
8	Total supply of gas utilities	8,859	-	2,686,015
	Transfers:			
9	Interprovincial	-	1,965,137	13,180,790
10	Other	-	1,955,879	16,546,916
11	Total gross receipts	8,859	3,921,016	32,413,721
	<u>Disposition</u>			
	Sales:			
12	Residential	5,415	466,745	2,380,765
13	Industrial	-	1,250,681	7,007,476
14	Commercial	1,109	126,702	1,078,976
15	Total sales	6,524	1,844,128	10,467,217
16	Exports	-	-	31,296
17	Other deliveries	-	-	-
18	Total net deliveries	6,524	1,844,128	10,498,513
19	Delivered to storage	-	-	1,252,825
	Transfers:			
20	Interprovincial	-	-	1,965,137
21	Transport to distribution	-	1,965,137	11,046,084
22	Other	-	-	5,505,983
23	Total gross deliveries	6,524	3,809,265	30,268,542
24	Line pack fluctuation	-	- 2,000	- 57,436
25	Gas used in system(1)	-	49,692	511,224
26	Adjustments (B.T.U.)	-	-	-
27	Line losses and unaccounted for	2,335	64,059	1,691,391
28	Total disposition	8,859	3,921,016	32,413,721

(1) Includes estimated figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

October 1962

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	October 1961	No.
					Canada	
Mcf.						
-	-	38,647,083	10,448,150	49,095,233	32,678,872	1
-	2,290,557	14,916,362	28,843	18,418,219	14,432,543	2
-	2,290,557	53,563,445	10,476,993	67,513,452	47,111,415	3
-	-	4,775	-	109,345	531,477	4
-	-	-	-	-	54	5
-	2,290,557	53,568,220	10,476,993	67,622,797	47,642,946	6
-	23,195	81,259	-	1,512,301	1,576,192	7
-	2,313,752	53,649,479	10,476,993	69,135,098	49,219,138	8
19,401,220	20,107,554	-	19,126,151	-	-	9
1,255,719	1,536,430	4,105,121	2,803,963	28,204,028	26,321,913	10
20,656,939	23,957,736	57,754,600	32,407,107	97,339,126	75,541,051	11
347,871	544,090	2,116,714	904,619	6,766,219	7,056,052	12
445,942	1,390,967	8,104,093	1,466,837	19,665,996	18,498,296	13
218,409	237,551	1,676,026	289,910	3,628,683	3,885,597	14
1,012,222	2,172,608	11,896,833	2,661,366	30,060,898	29,439,945	15
4,763,379	-	2,473,217	26,196,860	33,464,752	12,360,763	16
-	-	27,124	-	27,124	5,301	17
5,775,601	2,172,608	14,397,174	28,858,226	63,552,774	41,806,009	18
-	73,918	32,921	-	1,359,664	2,513,792	19
13,180,790	19,401,220	39,233,705	-	-	-	20
1,257,051	1,034,158	151,357	2,803,384	18,257,171	18,358,798	21
-	537,004	3,943,291	-	9,986,278	8,005,484	22
20,213,442	23,218,908	57,758,448	31,661,610	93,155,887	70,684,083	23
-	3,722	- 72,260	78,911	- 49,063	208,612	24
-	74,346	44,289	298,601	978,152	1,194,517	25
-	-	- 1,165,238	-	- 1,165,238	3,453,839	26
443,497	660,760	1,189,361	367,985	4,419,388	(	27
20,656,939	23,957,736	57,754,600	32,407,107	97,339,126	75,541,051	28

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month

October 1962

No.		Mcf.				
		January	February	March	April	May
	<u>Receipts</u>					
	Receipts from fields or processing plants:					
1	By transport systems	51,192,931	48,073,283	50,556,681	43,786,955	44,676,443
2	By distribution systems	23,621,890	21,140,018	22,301,593	16,915,252	15,419,502
3	Totals	74,814,821	69,213,301	72,858,274	60,702,207	60,095,945
4	Imports	12,132	10,122	10,411	909,453	835,660
5	Other receipts	28,333	4,105	4,078	330	-
6	Total net receipts	74,855,286	69,227,528	72,872,763	61,611,990	60,931,605
7	Received from storage	6,144,169	4,957,597	2,943,692	360,268	11,517
8	Total supply of gas utilities	80,999,455	74,185,125	75,816,455	61,972,258	60,943,122
	Transfers:					
9	Interprovincial	-	-	-	-	-
10	Other	39,683,200	34,351,159	34,231,521	29,324,575	27,054,208
11	Total gross receipts	120,682,655	108,536,284	110,047,976	91,296,833	87,997,330
	<u>Disposition</u>					
	Sales:					
12	Residential	22,950,587	21,549,239	19,783,830	13,642,351	8,364,740
13	Industrial	17,363,882	15,777,701	17,709,805	18,102,553	18,107,927
14	Commercial	10,179,220	9,568,923	8,943,492	6,291,451	3,993,004
15	Total sales	50,493,689	46,895,863	46,437,127	38,036,355	30,465,671
16	Exports	29,461,219	28,720,262	30,471,213	27,041,272	28,665,413
17	Other deliveries	132,836	34,229	71,358	12,919	11,334
18	Total net deliveries	80,087,744	75,650,354	76,979,698	65,090,546	59,142,418
19	Delivered to storage	101,962	540,946	1,053,840	1,690,300	4,303,465
	Transfers:					
20	Interprovincial	-	-	-	-	-
21	Transport to distribution	26,603,866	23,585,802	23,451,192	19,112,539	16,328,127
22	Other	13,124,233	10,765,050	10,744,410	10,269,520	10,868,262
23	Total gross deliveries	119,917,805	110,542,152	112,229,140	96,162,905	90,642,272
24	Line pack fluctuation	57,804	- 176,656	247,349	- 288,027	48,760
25	Gas used in system(1)	1,634,577	1,547,695	1,665,743	1,292,061	1,296,603
26	Adjustments (B.T.U.)	- 1,399,928	- 1,014,598	- 1,066,971	- 873,639	- 1,068,889
27	Line losses and unaccounted for	472,397	- 2,362,309	- 3,027,285	- 4,996,467	- 2,921,416
28	Total disposition	120,682,655	108,536,284	110,047,976	91,296,833	87,997,330

(1) Includes estimated figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month

October 1962

June	July	August	September	October	November	December	Year to date		No.
							1962	1961 ^r	
Mcf.									
41,725,735	43,442,380	43,919,995	45,057,881	49,095,233			461,527,517	308,692,283	1
13,008,796	12,374,146	13,701,142	15,331,696	18,418,219			172,232,254	135,364,081	2
54,734,531	55,816,526	57,621,137	60,389,577	67,513,452			633,759,771	444,056,364	3
822,340	943,979	943,749	862,403	109,345			5,459,594	5,458,383	4
-	-	-	-	-			36,846	61,653	5
55,556,871	56,760,505	58,564,886	61,251,980	67,622,797			639,256,211	449,576,400	6
47,752	77,750	221,473	299,578	1,512,301			16,576,097	20,234,220	7
55,604,623	56,838,255	58,786,359	61,551,558	69,135,098			655,832,308	469,810,620	8
-	-	-	-	-			-	-	9
25,793,587	25,544,417	24,900,660	25,927,661	28,204,028			295,015,016	248,589,870	10
81,398,210	82,382,672	83,687,019	87,479,219	97,339,126			950,847,324	718,400,490	11
4,783,564	3,229,854	3,003,622	4,209,337	6,766,219			108,283,343	93,114,127	12
7,694,617	17,192,307	18,253,922	18,684,736	19,665,996			178,553,446	161,727,028	13
2,513,828	1,759,892	1,843,619	2,796,375	3,628,683			51,518,487	43,950,218	14
4,992,009	22,182,053	23,101,163	25,690,448	30,060,898			338,355,276	298,791,373	15
7,794,501	28,989,702	30,204,416	30,683,350	33,464,752			295,496,100	136,157,977	16
40,517	64,754	45,592	18,695	27,124			459,358	96,131	17
2,827,027	51,236,509	53,351,171	56,392,493	63,552,774			634,310,734	435,045,481	18
4,498,049	5,418,722	4,348,018	2,494,828	1,359,664			25,809,794	29,007,606	19
-	-	-	-	-			-	-	20
4,662,683	14,297,209	14,679,854	16,112,455	18,257,171			187,090,898	177,051,808	21
1,066,873	11,215,243	10,255,744	9,840,234	9,986,278			108,135,847	71,721,446	22
3,054,632	82,167,683	82,634,787	84,840,010	93,155,887			955,347,273	712,826,341	23
- 383,192	- 14,908	270,349	100,957	- 49,063			- 186,627	198,564	24
1,147,296	1,244,547	1,200,530	1,243,689	978,152			13,250,893	9,852,477	25
-1,017,641	- 1,259,595	- 1,239,509	- 1,133,832	- 1,165,238			- 11,239,840	- 4,476,892	(26
-1,402,885	244,945	820,862	2,428,395	4,419,388			- 6,324,375		(27
1,398,210	82,382,672	83,687,019	87,479,219	97,339,126			950,847,324	718,400,490	28

^rRevised figures.

TABLE 3. Operating Statistics: Natural Gas Utilities

October 1962

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Sendouts (Mcf.):			
October 1962:			
Daily average	1,668,449	969,706	2,093,950
Maximum (non-coincident)	2,058,796	...	...
Minimum (non-coincident)	1,468,531	...	...
October 1961:			
Daily average (Mcf.)	991,125	949,676	...
Maximum	1,295,020	...	...
Minimum	727,303	...	...
Year to date 1962:			
Daily average (Mcf.)	1,587,457	1,113,011	2,183,349
Maximum	2,226,408	...	...
Minimum	1,196,955	...	...
Commodity miles:			
Mcf. miles (000's miles)	43,547,728	..	..
Ton miles (millions)	993	..	..
Line pack:			
Beginning of month (Mcf.)	6,090,007	..	..
End of month (Mcf.)	6,037,070	..	..
Operating revenues	(\$15,237,593	(\$17,260,371	(\$25,478,734(1)

(1) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 4. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

October 1962

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	118,398	84,048
Deliveries to ultimate customers	142,467	72,213
Line pack fluctuations	- 1,991	- 37
Gas used in system	- 36,507	-
Metering difference, line losses, cyclical billing adjustments and unaccounted for	14,429	11,872
Total disposition	118,398	84,048
Daily average sendout	4,596	2,329
Revenues	(\$94,004	(\$109,042

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GAS UTILITIES

(Transport and Distribution Systems)

NOVEMBER 1962

For November 1962 gas utilities received from field gathering systems and processing plants 72.1 million Mcf. of natural gas, 51.2 million Mcf. of which was received by transport systems and 20.9 million Mcf. received by the distribution systems. Natural gas received from storage amounted to 3.3 million Mcf. The total supply of gas utilities amounted to 75.4 million Mcf., an increase of 35.3 per cent over November 1961. Of the total supply, 37.4 million Mcf. was sold to ultimate customers in Canada, an increase of 7.1 per cent, and export amounted to 32.2 million Mcf., an increase of 148.4 per cent. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, B.T.U. adjustments, line pack changes and small deliveries to storage. Transport systems delivered 23.4 million Mcf. to distribution systems, an increase of 3.0 per cent over last year.

For the twelve-month period ended November 1962 exports totalled 352 million Mcf., and net deliveries 772 million Mcf.

Line pack changes included changes in the transport systems as well as certain changes in the transmission lines of the distribution systems. The changes in line pack of the transport systems are given separately in Table 3.

The transport systems which represent virtually all of the major "inter-city" movements of natural gas had traffic amounting to 45.6 billion commodity (Mcf.) miles during November compared with 37.5 billion for the same period last year. Ton miles totalled 1,039 million for November 1962. The daily average deliveries of gas utilities amounted to 2.3 million Mcf./day.

Revenue for the natural gas utilities for the month was \$31,864,205 and for manufactured and liquefied petroleum gases systems was \$239,665 giving a combined utilities total of \$32,103,870.

For the eleven-month period January to November 1962, net receipts totalled 711 million Mcf. compared with 504 million Mcf. last year; total net deliveries amounted to 704 million Mcf. compared with 483 million Mcf. for the same eleven months in 1961.

Volumes in this report are given in thousands of standard cubic feet (Mcf.) at 14.73 pounds per square inch absolute, and 60°F; sales volumes are given in thousands of standard cubic feet containing 1,000 B.T.U. per cubic foot.

Prepared in the Public Utilities Section
Public Finance and Transportation Division



April 1963
506-503

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

November 1962

No.		New Brunswick	Quebec	Ontario
		Mcf.		
	<u>Receipts</u>			
	Receipts from fields or processing plants:			
1	By transport systems	-	-	-
2	By distribution systems	9,277	-	1,719,883
3	Totals	9,277	-	1,719,883
4	Imports	-	-	-
5	Other receipts	-	-	-
6	Total net receipts	9,277	-	1,719,883
7	Received from storage	-	-	3,079,668
8	Total supply of gas utilities	9,277	-	4,799,551
	Transfers:			
9	Interprovincial	-	2,328,890	14,203,676
10	Other	-	2,325,208	19,096,852
11	Total gross receipts	9,277	4,654,098	38,100,079
	<u>Disposition</u>			
	Sales:			
12	Residential	5,810	693,158	5,066,516
13	Industrial	-	1,313,422	7,248,405
14	Commercial	1,400	174,696	1,803,598
15	Total sales	7,210	2,181,276	14,118,519
16	Exports	-	-	79,631
17	Other deliveries	-	-	152
18	Total net deliveries	7,210	2,181,276	14,198,302
19	Delivered to storage	-	-	-
	Transfers:			
20	Interprovincial	-	-	2,328,890
21	Transport to distribution	-	2,328,890	13,763,826
22	Other	-	-	5,340,027
23	Total gross deliveries	7,210	4,510,166	35,631,045
24	Line pack fluctuation	-	1,800	36,545
25	Gas used in system(1)	-	58,362	707,111
26	Adjustments (B.T.U.)	-	-	-
27	Line losses and unaccounted for	2,067	83,770	1,725,378
28	Total disposition	9,277	4,654,098	38,100,079

(1) Includes estimated figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

November 1962

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	November 1961	No.
					Canada	
Mcf.						
-	-	41,095,063	10,109,598	51,204,661	36,010,015	1
-	2,666,999	16,452,314	45,751	20,894,224	18,771,894	2
-	2,666,999	57,547,377	10,155,349	72,098,885	54,781,909	3
-	-	7,536	-	7,536	9,788	4
-	-	-	-	-	2,958	5
-	2,666,999	57,554,913	10,155,349	72,106,421	54,794,655	6
-	-	182,708	-	3,262,376	917,203	7
-	2,666,999	57,737,621	10,155,349	75,368,797	55,711,858	8
22,059,180	23,106,479	-	18,171,201	-	-	9
2,026,946	2,030,211	5,124,034	3,471,792	34,075,043	28,792,710	10
24,086,126	27,803,689	62,861,655	31,798,342	109,443,840	84,504,568	11
741,631	926,367	3,196,344	1,338,453	11,968,279	11,554,008	12
496,393	1,500,359	7,630,938	1,523,911	19,713,428	17,546,699	13
427,611	429,202	2,473,863	402,867	5,713,237	5,820,746	14
1,665,635	2,855,928	13,301,145	3,265,231	37,394,944	34,921,453	15
5,573,325	-	2,522,134	24,066,348	32,241,438	12,982,810	16
-	-	35,700	-	35,852	58,825	17
7,238,960	2,855,928	15,858,979	27,331,579	69,672,234	47,963,088	18
-	7,970	3,481	-	11,451	642,069	19
14,203,676	22,059,180	41,277,680	-	-	-	20
2,032,179	1,432,885	232,485	3,582,203	23,372,468	22,678,467	21
-	646,640	4,879,745	48,356	10,914,768	6,053,837	22
23,474,815	27,002,603	62,252,370	30,962,138	103,970,921	77,337,461	23
-	8,343	84,294	- 5,466	125,516	770,190	24
250,000	293,192	73,967	297,147	1,679,779	1,395,150	25
-	-	- 1,142,201	-	- 1,142,201	5,001,767	26
361,311	499,551	1,593,225	544,523	4,809,825	(	27
24,086,126	27,803,689	62,861,655	31,798,342	109,443,840	84,504,568	28

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month

November 1962

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
	Receipts from fields or processing plants:					
1	By transport systems	51,192,931	48,073,283	50,556,681	43,786,955	44,676,443
2	By distribution systems	23,621,890	21,140,018	22,301,593	16,915,252	15,419,502
3	Totals	74,814,821	69,213,301	72,858,274	60,702,207	60,095,945
4	Imports	12,132	10,122	10,411	909,453	835,660
5	Other receipts	28,333	4,105	4,078	330	-
6	Total net receipts	74,853,286	69,227,528	72,872,763	61,611,990	60,931,605
7	Received from storage	6,144,169	4,957,597	2,943,692	360,268	11,517
8	Total supply of gas utilities	80,999,455	74,185,125	75,816,455	61,972,258	60,943,122
	Transfers:					
9	Interprovincial	-	-	-	-	-
10	Other	39,683,200	34,351,159	34,231,521	29,324,575	27,054,208
11	Total gross receipts	120,682,655	108,536,284	110,047,976	91,296,833	87,997,330
	<u>Disposition</u>					
	Sales:					
12	Residential	22,950,587	21,549,239	19,783,830	13,642,351	8,364,740
13	Industrial	17,363,882	15,777,701	17,709,805	18,102,553	18,107,927
14	Commercial	10,179,220	9,568,923	8,943,492	6,291,451	3,993,004
15	Total sales	50,493,689	46,895,863	46,437,127	38,036,355	30,465,671
16	Exports	29,461,219	28,720,262	30,471,213	27,041,272	28,665,413
17	Other deliveries	132,836	34,229	71,358	12,919	11,334
18	Total net deliveries	80,087,744	75,650,354	76,979,698	65,090,546	59,142,418
19	Delivered to storage	101,962	540,946	1,053,840	1,690,300	4,303,465
	Transfers:					
20	Interprovincial	-	-	-	-	-
21	Transport to distribution	26,603,866	23,585,802	23,451,192	19,112,539	16,328,127
22	Other	13,124,233	10,765,050	10,744,410	10,269,520	10,868,262
23	Total gross deliveries	119,917,805	110,542,152	112,229,140	96,162,905	90,642,272
24	Line pack fluctuation	57,804	- 176,656	247,349	- 288,027	48,760
25	Gas used in system(1)	1,634,577	1,547,695	1,665,743	1,292,061	1,296,603
26	Adjustments (B.T.U.)	- 1,399,928	- 1,014,598	- 1,066,971	- 873,639	- 1,068,889
27	Line losses and unaccounted for	472,397	- 2,362,309	- 3,027,285	- 4,996,467	- 2,921,416
28	Total disposition	120,682,655	108,536,284	110,047,976	91,296,833	87,997,330

(1) Includes estimated figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month

November 1962

June	July	August	September	October	November	December	Year to date		No.
							1962	1961 ^r	
Mcf.									
41,725,735	43,442,380	43,919,995	45,057,881	49,095,233	51,204,661		512,732,178	344,702,298	1
13,008,796	12,374,146	13,701,142	15,331,696	18,418,219	20,894,224		193,126,478	154,135,975	2
54,734,531	55,816,526	57,621,137	60,389,577	67,513,452	72,098,885		705,858,656	498,838,273	3
822,340	943,979	943,749	862,403	109,345	7,536		5,467,130	5,468,171	4
55,556,871	56,760,505	58,564,886	61,251,980	67,622,797	72,106,421		36,846	64,611	5
							711,362,632	504,371,055	6
47,752	77,750	221,473	299,578	1,512,301	3,262,376		19,838,473	21,151,423	7
55,604,623	56,838,255	58,786,359	61,551,558	69,135,098	75,368,797		731,201,105	525,522,478	8
25,793,587	25,544,417	24,900,660	25,927,661	28,204,028	34,075,043				9
81,398,210	82,382,672	83,687,019	87,479,219	97,339,126	109,443,840		329,090,059	277,382,580	10
							1,060,291,164	802,905,058	11
4,783,564	3,229,854	3,003,622	4,209,337	6,766,219	11,968,279		120,251,622	104,668,135	12
17,694,617	17,192,307	18,253,922	18,684,736	19,665,996	19,713,428		198,266,874	179,273,727	13
2,513,828	1,759,892	1,843,619	2,796,375	3,628,683	5,713,237		57,231,724	49,770,964	14
24,992,009	22,182,053	23,101,163	25,690,448	30,060,898	37,394,944		375,750,220	333,712,826	15
27,794,501	28,989,702	30,204,416	30,683,350	33,464,752	32,241,438		327,737,538	149,140,787	16
40,517	64,754	45,592	18,695	27,124	35,852		495,210	154,956	17
52,827,027	51,236,509	53,351,171	56,392,493	63,552,774	69,672,234		703,982,968	483,008,569	18
4,498,049	5,418,722	4,348,018	2,494,828	1,359,664	11,451		25,821,245	29,649,675	19
4,662,683	14,297,209	14,679,854	16,112,455	18,257,171	23,372,468		210,463,366	199,730,275	20
1,066,873	11,215,243	10,255,744	9,840,234	9,986,278	10,914,768		119,050,615	77,775,283	21
3,054,632	82,167,683	82,634,787	84,840,010	93,155,887	103,970,921		1,059,318,194	790,163,802	22
									23
- 383,192	- 14,908	270,349	100,957	- 49,063	125,516		- 61,111	968,754	24
1,147,296	1,244,547	1,200,530	1,243,689	978,152	1,679,779		14,930,672	11,247,627	25
1,017,641	- 1,259,595	- 1,239,509	- 1,133,832	- 1,165,238	- 1,142,201		- 12,382,041	524,875	26
1,402,885	244,945	820,862	2,428,395	4,419,388	4,809,825		- 1,514,550		27
1,398,210	82,382,672	83,687,019	87,479,219	97,339,126	109,443,840		1,060,291,164	802,905,058	28

Revised figures.

TABLE 3. Operating Statistics: Natural Gas Utilities

November 1962

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Sendouts (Mcf.):			
November 1962:			
Daily average	1,853,797	1,246,498	2,322,790
Maximum (non-coincident)	2,144,787	...	...
Minimum (non-coincident)	1,623,828	...	...
November 1961:			
Daily average (Mcf.)	1,188,709	1,164,048	...
Maximum	1,535,480	...	...
Minimum	1,048,855	...	...
Year to date 1962:			
Daily average (Mcf.)	1,611,380	1,125,001	2,195,874
Maximum	2,226,408	...	...
Minimum	1,196,955	...	...
Commodity miles:			
Mcf. miles (000's miles)	45,550,150	..	..
Ton miles (millions)	1,039	..	..
Line pack:			
Beginning of month (Mcf.)	6,037,070	..	..
End of month (Mcf.)	6,153,168	..	..
Operating revenues	(\$)16,814,055	(\$)23,840,784	(\$)31,864,205

(1) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 4. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

November 1962

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	131,382	96,832
Deliveries to ultimate customers	170,420	87,894
Line pack fluctuations	31	491
Gas used in system	- 32,524	-
Metering difference, line losses, cyclical billing adjustments and unaccounted for	- 6,545	8,447
Total disposition	131,382	96,832
Daily average sendout	5,681	2,930
Revenues	(\$)111,129	(\$)128,536

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GAS UTILITIES

(Transport and Distribution Systems)

DECEMBER 1962

For the twelve-month period January to December 1962, net receipts of gas utilities totalled 791 million Mcf. compared with 575 million Mcf. last year; total net deliveries amounted to 782 million Mcf. compared with 551 million Mcf. for the same period last year.

Exports for the twelve months of 1962 totalled 361,341,689^F Mcf. compared with 173,739,405^F Mcf. for the same period in 1961. The above export figures are converted to 1,000 B.T.U.[†] 5%. The unadjusted export figures for 1962 are as follows: at Kingsgate, B.C. 153,942,963 Mcf., at Huntingdon, B.C. 98,545,946 Mcf., at Aden, Carway, Coutts, Alta. 28,069,924 Mcf., at Cornwall, Ont. 256,687 Mcf. and at Emerson, Man. 61,954,310 Mcf. for a total export of 342,769,830 Mcf.

In December 1962, gas utilities received from field gathering systems and processing plants 79.6 million Mcf. of natural gas, of which 55.2 million Mcf. was received by transport systems and 24.4 million Mcf. was received by the distribution systems. Natural gas received from storage was 6.5 million Mcf. The total supply of gas utilities, 86.2 million Mcf., was 15.0 per cent higher than December 1961. Of the total supply, 44.3 million Mcf. was sold to ultimate customers in Canada, an increase of 2.1 per cent, and 33.6 million Mcf. was exported, an increase of 36.7 per cent. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, B.T.U. adjustments, line pack changes and small deliveries to storage. The transport systems delivered 28.0 million Mcf. to distribution systems, an increase of 2.5 per cent from last year.

Line pack changes included changes in the transport systems as well as certain changes in the transmission lines of the distribution systems; line pack changes for the transport systems are given separately in Table 3.

The transport systems which represent virtually all of the major "inter-city" movements of natural gas had traffic amounting to 48.6 billion commodity (Mcf.) miles compared with 42.7 billion for the same period last year. Ton miles totalled 1,109 million for December 1962. The daily average deliveries of gas utilities amounted to 2.5 million Mcf./day.

Revenue for the natural gas utilities for the month was \$37,848,396 and manufactured and liquefied petroleum gases systems \$245,829 giving a combined utilities total of \$38,094,225.

Volumes in this report are given in thousands of standard cubic feet (Mcf.) at 14.73 pounds per square inch absolute, and 60°F; sales volumes are given in thousands of standard cubic feet containing 1,000 B.T.U. per cubic foot.

^F Revised figures

Prepared in the Public Utilities Section
Public Finance and Transportation Division

April 1963
3506-503

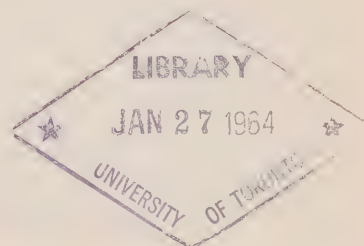


TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

December 1962

No.		New Brunswick	Quebec	Ontario
		Mcf.		
	<u>Receipts</u>			
	Receipts from fields or processing plants:			
1	By transport systems	-	-	-
2	By distribution systems	11,556	-	2,142,757
3	Totals	11,556	-	2,142,757
4	Imports	-	-	-
5	Other receipts	-	-	-
6	Total net receipts	11,556	-	2,142,757
7	Received from storage	-	-	6,049,528
8	Total supply of gas utilities	11,556	-	8,192,285
	Transfers:			
9	Interprovincial	-	2,450,102	14,699,817
10	Other	-	2,450,700	23,020,711
11	Total gross receipts	11,556	4,900,802	45,912,813
	<u>Disposition</u>			
	Sales:			
12	Residential	5,944	969,885	7,062,629
13	Industrial	-	1,113,392	6,371,577
14	Commercial	1,500	223,456	2,316,602
15	Total sales	7,444	2,306,733	15,750,808
16	Exports	-	-	141,628
17	Other deliveries	-	-	26
18	Total net deliveries	7,444	2,306,733	15,892,462
19	Delivered to storage	-	-	192,477
	Transfers:			
20	Interprovincial	-	-	2,450,102
21	Transport to distribution	-	2,450,102	16,013,289
22	Other	-	-	7,018,602
23	Total gross deliveries	7,444	4,756,835	41,566,932
24	Line pack fluctuation	-	- 2,150	121,599
25	Gas used in system(1)	-	48,360	704,602
26	Adjustments (B.T.U.)	-	-	-
27	Line losses and unaccounted for	4,112	97,757	3,519,680
28	Total disposition	11,556	4,900,802	45,912,813

(1) Includes estimated figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

December 1962

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	December 1961	No.
					Canada	
Mcf.						
-	-	43,970,668	11,224,495	55,195,163	48,950,423	1
-	3,180,517	19,046,576	55,722	24,437,128	22,137,956	2
-	3,180,517	63,017,244	11,280,217	79,632,291	71,088,379	3
-	-	10,333	-	10,333	12,719	4
-	-	-	-	-	3,772	5
-	3,180,517	63,027,577	11,280,217	79,642,624	71,104,870	6
-	156,406	334,186	-	6,540,120	3,869,975	7
-	3,336,923	63,361,763	11,280,217	86,182,744	74,974,845	8
24,193,222	25,831,143	-	18,000,589	-	-	9
2,975,274	2,505,108	5,684,758	4,173,251	40,809,802	42,824,824	10
27,168,496	31,673,174	69,046,521	33,454,057	126,992,546	117,799,669	11
1,163,392	1,440,313	4,823,635	1,736,597	17,202,395	17,361,490	12
614,555	1,595,271	7,742,174	1,625,851	19,062,820	18,033,655	13
647,578	687,251	3,626,063	511,188	8,013,638	7,956,930	14
2,425,525	3,722,835	16,191,872	3,873,636	44,278,853	43,352,075	15
6,209,095	-	2,834,512	24,441,481 ^F	33,626,716 ^F	24,598,618 ^r	16
-	-	55,769	-	55,795	78,336	17
8,634,620	3,722,835	19,082,153	28,315,117	77,961,364	68,029,029	18
-	14,816	9,648	-	216,941	16,996	19
14,699,817	24,193,222	43,831,732	-	-	-	20
2,984,310	1,947,272	360,778	4,250,575	28,006,326	27,331,858	21
-	619,950	5,309,916	130,036	13,078,504	15,421,175	22
26,318,747	30,498,095	68,594,227	32,695,728	119,263,135	110,799,058	23
-	26,492	- 8,321	79,330	216,950	416,711	24
300,000	345,016	93,817	322,996	1,814,791	1,542,453	25
-	-	- 1,164,538	-	- 1,164,538	)	( 26
549,749	803,571	1,531,336	356,003	6,862,208	) 5,041,447	(27
27,168,496	31,673,174	69,046,521	33,454,057	126,992,546	117,799,669	28

Revised figures .

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month

December 1962

No.		Mcf.				
		January	February	March	April	May
	<u>Receipts</u>					
	Receipts from fields or processing plants:					
1	By transport systems	51,192,931	48,073,283	50,556,681	43,786,955	44,676,443
2	By distribution systems	23,621,890	21,140,018	22,301,593	16,915,252	15,419,502
3	Totals	74,814,821	69,213,301	72,858,274	60,702,207	60,095,945
4	Imports	12,132	10,122	10,411	909,453	835,660
5	Other receipts	28,333	4,105	4,078	330	-
6	Total net receipts	74,855,286	69,227,528	72,872,763	61,611,990	60,931,605
7	Received from storage	6,144,169	4,957,597	2,943,692	360,268	11,517
8	Total supply of gas utilities	80,999,455	74,185,125	75,816,455	61,972,258	60,943,122
	Transfers:					
9	Interprovincial	-	-	-	-	-
10	Other	39,683,200	34,351,159	34,231,521	29,324,575	27,054,208
11	Total gross receipts	120,682,655	108,536,284	110,047,976	91,296,833	87,997,330
	<u>Disposition</u>					
	Sales:					
12	Residential	22,950,587	21,549,239	19,783,830	13,642,351	8,364,740
13	Industrial	17,363,882	15,777,701	17,709,805	18,102,553	18,107,927
14	Commercial	10,179,220	9,568,923	8,943,492	6,291,451	3,993,004
15	Total sales	50,493,689	46,895,863	46,437,127	38,036,355	30,465,671
16	Exports	29,461,219	28,720,262	30,471,213	27,041,272	28,665,413
17	Other deliveries	132,836	34,229	71,358	12,919	11,334
18	Total net deliveries	80,087,744	75,650,354	76,979,698	65,090,546	59,142,418
19	Delivered to storage	101,962	540,946	1,053,840	1,690,300	4,303,465
	Transfers:					
20	Interprovincial	-	-	-	-	-
21	Transport to distribution	26,603,866	23,585,802	23,451,192	19,112,539	16,328,127
22	Other	13,124,233	10,765,050	10,744,410	10,269,520	10,868,262
23	Total gross deliveries	119,917,805	110,542,152	112,229,140	96,162,905	90,642,272
24	Line pack fluctuation	57,804	- 176,656	247,349	- 288,027	48,760
25	Gas used in system(1)	1,634,577	1,547,695	1,665,743	1,292,061	1,296,603
26	Adjustments (B.T.U.)	- 1,399,928	- 1,014,598	- 1,066,971	- 873,639	- 1,068,889
27	Line losses and unaccounted for	472,397	- 2,362,309	- 3,027,285	- 4,996,467	- 2,921,416
28	Total disposition	120,682,655	108,536,284	110,047,976	91,296,833	87,997,330

(1) Includes estimated figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month

December 1962

June	July	August ^r	September ^r	October ^r	November ^r	December	Year to date		No.
							1962 ^r	1961 ^r	
Mcf.									
1,725,735	43,442,380	43,919,995	45,057,881	49,095,233	51,204,661	55,195,163	567,927,341	393,652,721	1
3,008,796	12,374,146	13,701,142	15,331,696	18,418,219	20,894,224	24,437,128	217,563,606	176,273,931	2
4,734,531	55,816,526	57,621,137	60,389,577	67,513,452	72,098,885	79,632,291	785,490,947	569,926,652	3
822,340	943,979	943,749	862,403	109,345	7,536	10,333	5,477,463	5,480,890	4
-	-	-	-	-	-	-	36,846	68,383	5
5,556,871	56,760,505	58,564,886	61,251,980	67,622,797	72,106,421	79,642,624	791,005,256	575,475,925	6
47,752	77,750	221,473	299,578	1,512,301	3,262,376	6,540,120	26,378,593	25,021,398	7
5,604,623	56,838,255	58,786,359	61,551,558	69,135,098	75,368,797	86,182,744	817,383,849	600,497,323	8
-	-	-	-	-	-	-	-	-	9
5,793,587	25,544,417	24,900,706	25,927,711	28,204,651	34,075,984	40,809,802	369,901,521	320,207,404	10
1,398,210	82,382,672	83,687,065	87,479,269	97,339,749	109,444,781	126,992,546	1,187,285,370	920,704,727	11

Revised figures.

TABLE 3. Operating Statistics: Natural Gas Utilities

December 1962

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Sendouts (Mcf.):			
December 1962:			
Daily average	1,988,163	1,428,350	2,521,881
Maximum (non-coincident)	2,412,942	...	...
Minimum (non-coincident)	1,769,767	...	...
December 1961:			
Daily average (Mcf.)	1,678,449	1,398,454	...
Maximum	2,129,460	...	...
Minimum	1,366,594	...	...
Year to date 1962 ^r :			
Daily average (Mcf.)	1,643,319	1,150,765	2,213,589
Maximum	2,412,942	...	...
Minimum	1,196,955	...	...
Commodity miles:			
Mcf. miles (000's miles)	48,629,178	..	..
Ton miles (millions)	1,109	..	..
Line pack:			
Beginning of month (Mcf.)	6,153,168	..	..
End of month (Mcf.)	6,324,031	..	..
Operating revenues	(\$18,894,960	(\$29,062,110	(\$37,848,396 (1)

(1) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

^r Revised figures.

TABLE 4. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

December 1962

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	122,207	112,105
Deliveries to ultimate customers	147,940	100,243
Line pack fluctuations	1,379	1,360
Gas used in system	- 28,561	-
Metering difference, line losses, cyclical billing adjustments and unaccounted for	1,449	10,502
Total disposition	122,207	112,105
Daily average sendout	4,772	3,234
Revenues	(\$103,836	(\$141,993

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(Transport and Distribution Systems)

JANUARY 1963

Gas Utilities for January 1963 received from field gathering systems and processing plants 86,582,871 Mcf. of natural gas. The transport systems accounted for 6,490,502 Mcf. from fields and 53,448,663 Mcf. from processing plants, while the distribution systems received 20,099,614 Mcf. and 6,544,092 Mcf. respectively; natural gas received from storage was 8,536,394 Mcf. The total supply of gas utilities, 95,415,531 Mcf. was 17.8 per cent higher than in January 1962. Of the total supply, 54,012,032 Mcf. were sold to ultimate customers in Canada, an increase of 7.0 per cent, while exports amounted to 34,608,544 Mcf., an increase of 17.5 per cent. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and small deliveries to storage. Transport systems delivered 34,377,018 Mcf. to distribution systems, an increase of 29.2 per cent over last year. For the twelve-month period ended January 1963 exports totalled 366,489,014 Mcf., while net deliveries amounted to 790,543,478 Mcf.

The transport systems which represent virtually all of the major "intercity" movements of natural gas had traffic amounting to 51.9 billion commodity (Mcf.) miles during January compared with 44.4 billion for the same period last year. Ton miles totalled 1,183 million for January 1963. The daily average deliveries of gas utilities amounted to 2.9 million Mcf./day.

Revenue for the natural gas utilities for the month was \$46,629,460 and for manufactured and liquefied petroleum gases systems \$279,951 giving a combined Gas Utilities total of \$46,909,411.

This report has revisions in concept to bring it into line with the practice of industry, as well as several revisions by respondents to adopt the new concepts. All gas volumes are now given in cubic feet measured at 14.73 p.s.i.a. and 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports in cubic feet containing 1,000 B.T.U.'s at 14.73 p.s.i.a. and 60°F are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005. As a result of these changes it has been necessary to revise certain of the 1962 figures, particularly exports, to enable more meaningful comparisons. Unfortunately, there is no precise comparison of residential, commercial and industrial sales although the reported sales volumes are believed to be within 1-2 per cent of what volumes would have been under the revised concepts.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales, and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include a "cyclical billing adjustment".

A new table - "Receipts and Disposition of Natural Gas by Source" is designed to give data on the movement of the individual provincial natural gas "streams". Of the utilities receipts of Alberta natural gas, 70.7 billion cubic feet, 26.6 per cent was sold to ultimate customers in Alberta, 14.7 per cent in Ontario, 4.1 per cent in Manitoba, 3.4 per cent in Saskatchewan, 1.7 per cent in British Columbia and 3.2 per cent in Quebec. Deliveries of gas to storage in this table are considered as terminated, and receipts of natural gas from storage for any province are considered as originated.

Industry Division

October 1963
8506-503

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

January 1963

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	12,164	-	2,003,339
2b	Processing plants	-	-	-
3	Total (1 + 2)	12,164	-	2,003,339
4	Imports	-	-	199,475
5	Other receipts	-	-	-
6	Total net receipts (3 + 4 + 5)	12,164	-	2,202,814
7	Received from storage	-	-	7,741,286
9	Total supply of gas utilities (6 + 7)	12,164	-	9,944,100
	Transfers from:			
11	Other provinces	-	2,388,725	15,316,937
12	Distribution to transport (primary)	-	-	1,201,699
13	Other gas utilities	-	2,388,725	26,095,293
19	Total gross receipts (9 + 11 + 12 + 13) ...	12,164	4,777,450	52,558,029
	<u>Disposition</u>			
	Sales:			
20	Residential	6,902	1,069,076	10,645,499
21	Industrial	-	936,969	6,219,791
22	Commercial	2,000	257,692	3,312,482
30	Total sales (20 + 21 + 22)	8,902	2,263,737	20,177,772
31	Exports	-	-	171,432
32	Other deliveries	-	-	1,506
33	Total net deliveries (30 + 31 + 32)	8,902	2,263,737	20,350,710
34	Delivered to storage	-	-	566,275
35	Line pack fluctuation	-	1,450	79,444
36	Gas used in system	-	58,789	711,342
37	Line losses and unaccounted for	3,262	64,749	1,164,541
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	12,164	2,388,725	22,872,312
	Transfers to:			
40	Other provinces	-	-	2,388,725
41	Distribution by transport (primary)	-	2,388,725	20,603,551
42	Other gas utilities	-	-	6,693,441
49	Total disposition (39 + 40 + 41 + 42)	12,164	4,777,450	52,558,029

F Revised figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

January 1963

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	January ^F 1962	No.
					Canada	
Mcf.						
-	-	6,224,925	265,577	6,490,502	50,252,581	1a
-	-	42,843,546	10,605,117	53,448,663		1b
-	683,615	17,390,840	9,656	20,099,614	24,562,240	2a
-	2,709,966	3,763,012	71,114	6,544,092		2b
-	3,393,581	70,222,323	10,951,464	86,582,871	74,814,821	3
-	-	14,309	-	213,784	12,132	4
60,372	-	-	22,110	82,482	28,333	5
60,372	3,393,581	70,236,632	10,973,574	86,879,137	74,855,286	6
-	391,445	403,663	-	8,536,394	6,144,169	7
60,372	3,785,026	70,640,295	10,973,574	95,415,531	80,999,455	9
25,365,694	27,997,820	-	19,452,690	...	...	11
-	732,947	2,340,655	-	4,275,301	39,683,200	12
3,385,736	2,709,373	3,849,989	4,913,154	43,342,270		13
28,811,802	35,225,166	76,830,939	35,339,418	143,033,102	120,682,655	19
1,811,822	2,237,505	6,463,730	2,253,153	24,487,687	22,950,587	20
416,138	1,627,040	7,808,339	1,618,527	18,626,804	17,363,882	21
1,129,044	1,007,041	4,503,508	685,774	10,897,541	10,179,220	22
3,357,004	4,871,586	18,775,577	4,557,454	54,012,032	50,493,689	30
6,322,187	-	2,917,952	25,196,973	34,608,544	27,895,305	31
-	-	87,373	-	88,879	132,836	32
9,679,191	4,871,586	21,780,902	29,754,427	88,709,455	78,521,830	33
-	30,507	10,227	-	607,009	101,962	34
15,094	32,847	120,142	- 80,509	168,468	57,804	35
301,882	666,672	92,522	294,525	2,125,732	1,634,577	36
112,962	815,540	1,185,992	457,821	3,804,867	638,383	37
10,109,129	6,417,152	23,189,785	30,426,264	95,415,531	80,954,556	39
15,316,937	25,365,694	47,450,510	-	...	...	40
3,385,736	2,709,373	528,100	4,761,533	34,377,018	26,603,866	41
-	732,947	5,662,544	151,621	13,240,553	13,124,233	42
28,811,802	35,225,166	76,830,939	35,339,418	143,033,102	120,682,655	49

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1963

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	6,490,502				
1b	Processing plants	53,448,663				
2	By distribution systems:					
2a	Fields	20,099,614				
2b	Processing plants	6,544,092				
3	Total (1 + 2)	86,582,871				
4	Imports	213,784				
5	Other receipts	82,482				
6	Total net receipts (3 + 4 + 5)	86,879,137				
7	Received from storage	8,536,394				
9	Total supply of gas utilities (6 + 7)	95,415,531				
	Transfers from:					
11	Other provinces .....	...			
12	Distribution to transport (primary)	4,275,301				
13	Other gas utilities	43,342,270				
19	Total gross receipts (9 + 11 + 12 + 13) ...	143,033,102				
	<u>Disposition</u>					
	Sales:					
20	Residential	24,487,687				
21	Industrial	18,626,804				
22	Commercial	10,897,541				
30	Total sales (20 + 21 + 22)	54,012,032				
31	Exports	34,608,544				
32	Other deliveries	88,879				
33	Total net deliveries (30 + 31 + 32)	88,709,455				
34	Delivered to storage	607,009				
35	Line pack fluctuation	168,468				
36	Gas used in system	2,125,732				
37	Line losses and unaccounted for	3,804,867				
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	95,415,531				
	Transfers to:					
40	Other provinces .....	...			
41	Distribution by transport (primary)	34,377,018				
42	Other gas utilities	13,240,553				
49	Total disposition (39 + 40 + 41 + 42)	143,033,102				

F Revised figures.

TABLE 3. Receipts and Disposition of Natural Gas by Source

January 1963

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	6,224,925	265,577	-	6,490,502
1b	Processing plants	-	-	-	42,843,546	10,605,117	-	53,448,663
2	By distribution systems:							
2a	Fields	12,164	2,003,339	683,615	17,390,840	9,656	-	20,099,614
2b	Processing plants	-	-	2,709,966	3,763,012	71,114	-	6,544,092
3	Total (1 + 2)	12,164	2,003,339	3,393,581	70,222,323	10,951,464	-	86,582,871
4	Imports	-	-	-	-	-	213,784	213,784
5	Other receipts	-	-	-	60,372	22,110	-	82,482
6	Total net receipts (3 + 4 + 5)	12,164	2,003,339	3,393,581	70,282,695	10,973,574	213,784	86,879,137
7	Received from storage	-	7,741,286	391,445	403,663	-	-	8,536,394
9	Total supply of gas utilities (6 + 7)	12,164	9,744,625	3,785,026	70,686,358	10,973,574	213,784	95,415,531
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	1,170,486	3,386,968	-	4,557,454
24	Alberta	-	-	-	18,761,268	-	14,309	18,775,577
25	Saskatchewan	-	-	2,458,335	2,413,251	-	-	4,871,586
26	Manitoba	-	-	436,825	2,920,179	-	-	3,357,004
27	Ontario	-	9,606,816	-	10,371,481	-	199,475	20,177,772
28	Quebec	-	-	-	2,263,737	-	-	2,263,737
29	New Brunswick	8,902	-	-	-	-	-	8,902
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	8,902	9,606,816	2,895,160	37,900,402	3,386,968	213,784	54,012,032
31	Exports	-	-	-	27,432,922	7,175,622	-	34,608,544
32	Other deliveries	-	-	-	88,879	-	-	88,879
33	Total net deliveries (30 + 31 + 32)	8,902	9,606,816	2,895,160	65,422,203	10,562,590	213,784	88,709,455
34	Delivered to storage	-	-	30,507	577,952	-	-	608,459
35	Line pack fluctuation	-	-	12,722	257,858	- 103,562	-	167,018
36	Gas used in system	-	45,081	62,908	1,811,053	206,690	-	2,125,732
37	Line losses and unaccounted for	3,262	92,728	783,729	2,617,292	307,856	-	3,804,867
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	12,164	9,744,625	3,785,026	70,686,358	10,973,574	213,784	95,415,531

TABLE 4. Operating Statistics: Natural Gas Utilities

January 1963

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
January 1963:			
Daily average	2,225,341	1,742,324	2,881,223
Maximum(2)	2,627,885	...	...
Minimum(2)	1,945,291	...	...
Exports maximum(2)	1,190,562	...	1,190,562
January 1962: ^F			
Daily average	1,758,038	1,628,828	2,536,251
Maximum(2)	2,197,284	...	...
Minimum(2)	1,674,343	...	...
Year to date 1963:			
Daily average	2,225,341	1,742,324	2,881,223
Maximum(2)	2,627,885	...	...
Minimum(2)	1,945,291	...	...
Commodity miles:			
Mcf. miles (thousands)	51,873,694	..	..
Ton miles (millions)	1,183	..	..
Line pack:(3)			
Beginning of month (Mcf.)	6,324,031	..	..
End of month (Mcf.)	6,418,040	..	..
Operating revenues	(\$)20,421,019	(\$)37,429,300	(\$)46,629,460(1)

(1) Interindustry revenues eliminated.

(2) Non-coincident.

(3) Does not balance with line pack changes due to B.T.U. adjustments.

.. Figures not available.

... Figures not appropriate or not applicable.

^F Revised figures.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

January 1963

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	141,368	222,452
Deliveries to ultimate customers	169,326	206,910
Line pack fluctuations	- 521	3,049
Gas used in system	- 40,325	-
Metering difference, line losses, cyclical billing adjustments and unaccounted for	12,888	12,493
Total disposition	141,368	222,452
Daily average sendout	5,462	6,675
Revenues	(\$)117,947	(\$)162,004

TABLE 6. Exports and Imports to and from the United States

January 1963

Customs port	Exports ^r	Imports
	Mcf.	
Cornwall, Ontario	116,809	-
Ojibway, Ontario	54,623	199,475
Emerson, Manitoba	6,322,187	-
Coutts, Alberta	150	14,309
Aden, Alberta	1,948,038	-
Carway, Alberta	969,764	-
Kingsgate, British Columbia	15,865,974	-
Huntingdon, British Columbia	9,330,999	-
Canada	34,608,544	213,784

^r Revised figures from Catalogue No. 45-005 Sales of Manufactured and Natural Gas.

CATALOGUE No.

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GAS UTILITIES
(Transport and Distribution Systems)

FEBRUARY 1963



In February 1963 the gas utilities received from field gathering systems and processing plants 74,149,733 Mcf. of natural gas. The transport systems accounted for 5,665,269 Mcf. from fields and 45,922,308 Mcf. from processing plants, while the distribution systems received 15,790,009 Mcf and 6,772,147 Mcf. respectively; natural gas received from storage was 5,486,862 Mcf. The total supply of gas utilities, 79,843,266 Mcf. was 7.6 per cent higher than in February 1962. Of the total supply, 52,290,843 Mcf. were sold to ultimate customers in Canada, an increase of 11.5 per cent, while exports amounted to 29,721,885 Mcf., an increase of 9.2 per cent. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and small deliveries to storage. Transport systems delivered 29,710,223 Mcf. to distribution systems, an increase of 26.0 per cent over last year. For the twelve-month period ended February 1963 exports totalled 370,557,376^r Mcf., while net deliveries amounted to 800,260,910^r Mcf.

The transport systems which represent virtually all of the major "intercity" movements of natural gas had traffic amounting to 46.3 billion commodity (Mcf.) miles during February compared with 39.7 billion for the same period last year. Ton miles totalled 1,055 million for February 1963. The daily average deliveries of gas utilities amounted to 2.9 million Mcf./day.

Utility receipts of Alberta natural gas totalled 59.5 billion cubic feet; of this, 29.5 per cent was sold to ultimate customers in Alberta, 20.1 per cent in Ontario, 4.6 per cent in Manitoba, 3.4 per cent in Saskatchewan, 1.4 per cent in British Columbia and 3.4 per cent in Quebec. Deliveries of gas to storage in Table 3 are considered as terminated and receipts of natural gas from storage for any province are considered as originated.

Revenue for the natural gas utilities for the month was \$45,558,678 and for manufactured and liquefied petroleum gases systems \$231,543 giving a combined Gas Utilities total of \$45,790,221.

This report has revisions in concept to bring it into line with the practice of industry, as well as several revisions by respondents to adopt the new concepts. All gas volumes are now given in cubic feet measured at 14.73 p.s.i.a. and 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports in cubic feet containing 1,000 B.T.U.'s at 14.73 p.s.i.a. and 60°F are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005. As a result of these changes it has been necessary to revise certain of the 1962 figures, particularly exports, to enable more meaningful comparisons. Unfortunately, there is no precise comparison of residential, commercial and industrial sales although the reported sales volumes are believed to be within 1-2 per cent of what volumes would have been under the revised concepts.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include a "cyclical billing adjustment".

^r Revised figures.

Industry Division

November 1963
8506-503

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

February 1963

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	13,897	-	2,839,037
2b	Processing plants	-	-	-
3	Total (1 + 2)	13,897	-	2,839,037
4	Imports	-	-	157,694
5	Other receipts	-	-	-
6	Total net receipts (3 + 4 + 5)	13,897	-	2,996,731
7	Received from storage	-	-	5,300,619
9	Total supply of gas utilities (6 + 7)	13,897	-	8,297,350
	Transfers from:			
11	Other provinces	-	2,175,841	14,340,550
12	Distribution to transport (primary)	-	-	1,936,214
13	Other gas utilities	-	2,175,841	24,195,334
19	Total gross receipts (9 + 11 + 12 + 13) ...	13,897	4,351,682	48,769,448
	<u>Disposition</u>			
	Sales:			
20	Residential	7,047	1,044,500	10,897,014
21	Industrial	-	752,398	6,100,399
22	Commercial	1,800	256,523	3,448,310
30	Total sales (20 + 21 + 22)	8,847	2,053,421	20,445,723
31	Exports	-	-	129,997
32	Other deliveries	-	-	1,346
33	Total net deliveries (30 + 31 + 32)	8,847	2,053,421	20,577,066
34	Delivered to storage	-	-	289,663
35	Line pack fluctuation	-	550	- 74,083
36	Gas used in system	-	39,632	667,042
37	Line losses and unaccounted for	5,050	82,238	- 997,629
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	13,897	2,175,841	20,462,059
	Transfers to:			
40	Other provinces	-	-	2,175,841
41	Distribution by transport (primary)	-	2,175,841	18,781,059
42	Other gas utilities	-	-	7,350,489
49	Total disposition (39 + 40 + 41 + 42)	13,897	4,351,682	48,769,448

F Revised figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province
February 1963

Manitoba	Saskatchewan	Alberta ^F	British Columbia	Canada	February ^F 1962	No.
					Canada	
Mcf.						
-	-	5,420,242	245,027	5,665,269	) 48,073,283	1a
-	-	37,192,641	8,729,667	45,922,308		1b
-	507,436	12,422,537	7,102	15,790,009	) 21,140,018	2a
-	2,344,458	4,370,400	57,289	6,772,147		2b
-	2,851,894	59,405,820	9,039,085	74,149,733	69,213,301	3
-	-	8,455	-	166,149	10,122	4
40,522	-	-	-	40,522	4,105	5
40,522	2,851,894	59,414,275	9,039,085	74,356,404	69,227,528	6
-	109,117	77,126	-	5,486,862	4,957,597	7
40,522	2,961,011	59,491,401	9,039,085	79,843,266	74,185,125	9
23,155,315	25,326,564	-	16,205,073	...	...	11
-	677,135	2,123,860	-	4,737,209	) 34,351,159	12
2,825,819	2,274,461	3,117,639	3,432,290	38,021,384		13
26,021,656	31,239,171	64,732,900	28,676,448	122,601,859	108,536,284	19
1,719,548	2,649,755	6,373,427	1,526,650	24,217,941	21,549,239	20
385,411	1,712,483	6,921,397	1,374,638	17,246,726	15,777,701	21
1,065,898	1,227,220	4,267,857	558,568	10,826,176	9,568,923	22
3,170,857	5,589,458	17,562,681	3,459,856	52,290,843	46,895,863	30
5,703,153	-	2,500,181	21,388,554	29,721,885	27,219,437	31
-	-	64,024	-	65,370	34,229	32
8,874,010	5,589,458	20,126,886	24,848,410	82,078,098	74,149,529	33
-	49,329	24,982	-	363,974	540,946	34
- 17,090	- 37,999	- 32,016	49,757	- 110,881	- 176,656	35
289,298	623,107	58,206	206,669	1,883,954	1,547,695	36
- 290,931	- 1,091,635	- 2,218,294	139,322	- 4,371,879	- 1,876,082	37
8,855,287	5,132,260	17,959,764	25,244,158	79,843,266	74,185,432	39
14,340,550	23,155,315	41,531,637	-	...	...	40
2,825,819	2,274,461	342,691	3,310,352	29,710,223	23,585,802	41
-	677,135	4,898,808	121,938	13,048,370	10,765,050	42
26,021,656	31,239,171	64,732,900	28,676,448	122,601,859	108,536,284	49

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1963

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	6,490,502	5,665,269			
1b	Processing plants	53,448,663	45,922,308			
2	By distribution systems:					
2a	Fields	20,099,614	15,790,009			
2b	Processing plants	6,544,092	6,772,147			
3	Total (1 + 2)	86,582,871	74,149,733			
4	Imports	213,784	166,149			
5	Other receipts	82,482	40,522			
6	Total net receipts (3 + 4 + 5)	86,879,137	74,356,404			
7	Received from storage	8,536,394	5,486,862			
9	Total supply of gas utilities (6 + 7)	95,415,531	79,843,266			
	Transfers from:					
11	Other provinces .....	...	...	
12	Distribution to transport (primary)	4,275,301	4,737,209			
13	Other gas utilities	43,342,270	38,021,384			
19	Total gross receipts (9 + 11 + 12 + 13) ...	143,033,102	122,601,859			
	<u>Disposition</u>					
	Sales:					
20	Residential	24,487,687	24,217,941			
21	Industrial	18,626,804	17,246,726			
22	Commercial	10,897,541	10,826,176			
30	Total sales (20 + 21 + 22)	54,012,032	52,290,843			
31	Exports	34,608,544	29,721,885			
32	Other deliveries	88,879	65,370			
33	Total net deliveries (30 + 31 + 32)	88,709,455	82,078,098			
34	Delivered to storage	607,009	363,974			
35	Line pack fluctuation	168,468	- 110,881			
36	Gas used in system	2,125,732	1,883,954			
37	Line losses and unaccounted for	3,804,867	- 4,371,879			
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	95,415,531	79,843,266			
	Transfers to:					
40	Other provinces .....	...	...	
41	Distribution by transport (primary)	34,377,018	29,710,223			
42	Other gas utilities	13,240,553	13,048,370			
49	Total disposition (39 + 40 + 41 + 42)	143,033,102	122,601,859			

* Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1963

June	July	August	September	October	November	December	Year to date		No.
							1963	1962 ^c	
				Mcf.					
							12,155,771 99,370,971	) 99,266,214	1a 1b
							35,889,623 13,316,239	) 44,761,908	2a 2b
							160,732,604	144,028,122	3
							379,933 123,004	22,254 32,438	4 5
							161,235,541	144,082,814	6
							14,023,256	11,101,766	7
							175,258,797	155,184,580	9
							11
							9,012,510 81,363,654	) 74,034,359	12 13
							265,634,961	229,218,939	19
							48,705,628 35,873,530 21,723,717	44,499,826 33,141,583 19,748,143	20 21 22
							106,302,875	97,389,552	30
							64,330,429 154,249	55,114,742 167,065	31 32
							170,787,553	152,671,359	33
							970,983 57,587	642,908 - 118,852	34 35
							4,009,686 - 567,012	3,182,272 - 1,237,699	36 37
							175,258,797	155,139,988	39
							40
							64,087,241 26,288,923	50,189,668 23,889,283	41 42
							265,634,961	229,218,939	49

TABLE 3. Receipts and Disposition of Natural Gas by Source

February 1963

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	5,420,242	245,027	-	5,665,269
1b	Processing plants	-	-	-	37,192,641	8,729,667	-	45,922,308
2	By distribution systems:							
2a	Fields	13,897	2,839,037	507,436	12,422,537	7,102	-	15,790,009
2b	Processing plants	-	-	2,344,458	4,370,400	57,289	-	6,772,147
3	Total (1 + 2)	13,897	2,839,037	2,851,894	59,405,820	9,039,085	-	74,149,733
4	Imports	-	-	-	-	-	166,149	166,149
5	Other receipts	-	-	-	40,522	-	-	40,522
6	Total net receipts (3 + 4 + 5)	13,897	2,839,037	2,851,894	59,446,342	9,039,085	166,149	74,356,404
7	Received from storage	-	5,300,619	109,117	77,126	-	-	5,486,862
9	Total supply of gas utilities (6 + 7)	13,897	8,139,656	2,961,011	59,523,468	9,039,085	166,149	79,843,266
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	859,672	2,600,184	-	3,459,856
24	Alberta	-	-	-	17,554,226	-	8,455	17,562,681
25	Saskatchewan	-	-	3,558,771	2,030,687	-	-	5,589,458
26	Manitoba	-	-	433,361	2,737,496	-	-	3,170,857
27	Ontario	-	8,350,916	-	11,937,113	-	157,694	20,445,723
28	Quebec	-	-	-	2,053,421	-	-	2,053,421
29	New Brunswick	8,847	-	-	-	-	-	8,847
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	8,847	8,350,916	3,992,132	37,172,615	2,600,184	166,149	52,290,843
31	Exports	-	-	-	23,450,248	6,271,637	-	29,721,885
32	Other deliveries	-	-	-	65,370	-	-	65,370
33	Total net deliveries (30 + 31 + 32)	8,847	8,350,916	3,992,132	60,688,233	8,871,821	166,149	82,078,098
34	Delivered to storage	-	-	49,329	314,645	-	-	363,974
35	Line pack fluctuation	-	-	- 15,213	- 131,636	35,968	-	- 110,881
36	Gas used in system	-	48,943	44,511	1,652,107	138,393	-	1,883,954
37	Line losses and unaccounted for	5,050	- 260,203	- 1,109,748	- 2,999,881	- 7,097	-	- 4,371,879
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	13,897	8,139,656	2,961,011	59,523,468	9,039,085	166,149	79,843,266

TABLE 4. Operating Statistics: Natural Gas Utilities

February 1963

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
February 1963:			
Daily average	2,122,575	1,867,530	2,944,360
Maximum(1)	2,487,531	...	...
Minimum(1)	1,915,081	...	...
Exports maximum(1)	1,140,696	...	1,140,696
February 1962 ^r :			
Daily average	1,814,472	1,674,852	2,667,517
Maximum(1)	2,226,408	...	...
Minimum(1)	1,679,528	...	...
Year to date 1963:			
Daily average	2,176,570	1,801,743	2,911,186
Maximum(1)	2,627,885	...	...
Minimum(1)	1,915,081	...	...
Commodity miles:			
Mcf. miles (thousands)	46,260,341	..	..
Ton miles (millions)	1,055	..	..
Line pack:			
Beginning of month (Mcf.)	6,418,040	..	..
End of month (Mcf.)	6,314,691	..	..
Operating revenues	(\$18,520,540	(\$36,604,253	(\$45,558,678(2)

(1) Non-coincident.

(2) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

^r Revised figures.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

February 1963

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	137,091	159,699
Deliveries to ultimate customers	167,380	137,439
Line pack fluctuations	113	5,984
Gas used in system	- 32,901	-
Metering difference, line losses, cyclical billing adjustments and unaccounted for	2,499	16,276
Total disposition	137,091	159,699
Daily average sendout	5,978	4,909
Revenues	(\$115,299	(\$116,244

TABLE 6. Exports and Imports to and from the United States
February 1963

Customs port	Exports ^r	Imports
	Mcf.	
Cornwall, Ontario	129,997	-
Ojibway, Ontario	-	157,694
Emerson, Manitoba	5,703,153	-
Coutts, Alberta	296	8,455
Aden, Alberta	1,712,237	-
Carway, Alberta	787,648	-
Kingsgate, British Columbia	13,047,847	-
Huntingdon, British Columbia	8,340,707	-
Canada	29,721,885	166,149

^r Revised figures from Catalogue 45-005 "Sales of Manufactured and Natural Gas".

CATALOGUE No.

55-002

MONTHLY

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GAS UTILITIES

(Transport and Distribution Systems)

MARCH 1963

Gas utilities for March 1963 received from field gathering systems and processing plants 77,381,234 Mcf. of natural gas. The transport systems accounted for 5,185,435 Mcf. from fields and 50,341,692 Mcf. from processing plants, while the distribution systems received 14,239,942 Mcf. and 7,614,165 Mcf. respectively; natural gas received from storage was 2,646,935 Mcf. The total supply of gas utilities, 81,017,137 Mcf. was 6.9 per cent higher than in March 1962. Of the total supply, 47,909,488 Mcf. were sold to ultimate customers in Canada, an increase of 2.7 per cent, while exports amounted to 32,520,099 Mcf., an increase of 12.5 per cent. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and small deliveries to storage. Transport systems delivered 27,422,291 Mcf. to distribution systems, an increase of 16.9 per cent over last year. For the twelve-month period ended March 1963 exports totalled 374,167,125 Mcf., while net deliveries amounted to 805,146,730 Mcf.

The transport systems which represent virtually all of the major "intercity" movements of natural gas had traffic amounting to 50.0 billion commodity (Mcf.) miles during March compared with 45.2 billion for the same period last year. Ton miles totalled 1,141 million for March 1963. The daily average deliveries of gas utilities amounted to 2.6 million Mcf./day.

Alberta natural gas utility receipts totalled 62.3 billion cubic feet; of this 24.5 per cent was sold to ultimate customers in Alberta, 22.0 per cent in Ontario, 4.2 per cent in Manitoba, 2.5 per cent in Saskatchewan, 1.3 per cent in British Columbia and 3.6 per cent in Quebec. Deliveries of gas to storage in Table 3 are considered as terminated and receipts of natural gas from storage for any province are considered as originated.

Revenue for the natural gas utilities for the month was \$42,106,859 and for manufactured and liquefied petroleum gases systems \$254,879 giving a combined Gas Utilities total of \$42,361,738.

This report has revisions in concept to bring it into line with the practice of industry, as well as several revisions by respondents to adopt the new concepts. All gas volumes are now given in cubic feet measured at 14.73 p.s.i.a. and 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports in cubic feet containing 1,000 B.T.U.'s at 14.73 p.s.i.a. and 60°F are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005. As a result of these changes it has been necessary to revise certain of the 1962 figures, particularly exports, to enable more meaningful comparisons. Unfortunately, there is no precise comparison of the residential, commercial and industrial sales although the reported sales volumes are believed to be within 1 - 2 per cent of what volumes would have been under the revised concepts.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include a "cyclical billing adjustment".

Industry Division

November 1963
8506-503

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

March 1963

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	15,228	-	1,676,619
2b	Processing plants	-	-	-
3	Total (1 + 2)	15,228	-	1,676,619
4	Imports	-	-	979,733
5	Other receipts	-	-	-
6	Total net receipts (3 + 4 + 5)	15,228	-	2,656,352
7	Received from storage	-	-	2,629,062
9	Total supply of gas utilities (6 + 7)	15,228	-	5,285,414
	Transfers from:			
11	Other provinces	-	2,376,494	15,832,905
12	Distribution to transport (primary)	-	-	824,789
13	Other gas utilities	-	2,376,494	22,239,251
19	Total gross receipts (9 + 11 + 12 + 13) ...	15,228	4,752,988	44,182,359
	<u>Disposition</u>			
	Sales:			
20	Residential	6,709	887,138	9,246,354
21	Industrial	-	1,101,389	7,061,377
22	Commercial	1,600	227,431	3,010,657
30	Total sales (20 + 21 + 22)	8,309	2,215,958	19,318,388
31	Exports	-	-	156,927
32	Other deliveries	-	-	855
33	Total net deliveries (30 + 31 + 32)	8,309	2,215,958	19,476,170
34	Delivered to storage	-	-	264,664
35	Line pack fluctuation	-	450	154,691
36	Gas used in system	-	57,451	666,574
37	Line losses and unaccounted for	6,919	102,635	- 1,820,274
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	15,228	2,376,494	18,741,825
	Transfers to:			
40	Other provinces	-	-	2,376,494
41	Distribution by transport (primary)	-	2,376,494	16,796,369
42	Other gas utilities	-	-	6,267,671
49	Total disposition (39 + 40 + 41 + 42)	15,228	4,752,988	44,182,359

F Revised figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

March 1963

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	March ^F 1962	No.
					Canada	
Mcf.						
-	-	4,897,714	287,721	5,185,435	)	1a
-	-	40,208,058	10,133,634	50,341,692	)	1b
-	393,107	12,147,953	7,035	14,239,942	)	2a
-	2,527,762	5,032,197	54,206	7,614,165	)	2b
-	2,920,869	62,285,922	10,482,596	77,381,234		3
-	-	8,233	-	987,966		4
1,002	-	-	-	1,002		5
1,002	2,920,869	62,294,155	10,482,596	78,370,202		6
-	-	17,873	-	2,646,935		7
1,002	2,920,869	62,312,028	10,482,596	81,017,137		9
24,253,201	26,252,134	-	17,630,365	...	...	11
-	533,822	2,265,844	-	3,624,455	)	12
2,443,027	1,876,472	3,008,615	3,786,524	35,730,383	)	13
26,697,230	31,583,297	67,586,487	31,899,485	120,371,975		19
1,405,991	2,036,704	4,470,911	1,564,388	19,618,195		20
505,068	1,629,034	7,570,038	1,579,803	19,446,709		21
921,001	941,180	3,228,580 ^F	514,135	8,844,584		22
2,832,060	4,606,918	15,269,529	3,658,326	47,909,488		30
5,630,055	-	2,716,589 ^F	24,016,528 ^F	32,520,099		31
-	-	67,695	-	68,550		32
8,462,115	4,606,918	18,053,813	27,674,854	80,498,137		33
-	331,227	85,080	-	680,971		34
36,002	21,682	55,309	- 13,868	254,266		35
289,995	617,972	60,320	229,736	1,922,048		36
- 366,814	- 657,997	175,007	222,239	- 2,338,285	- 2,726,875	37
8,421,298	4,919,802	18,429,529	28,112,961	81,017,137		39
15,832,905	24,253,201	43,882,499	-	...	...	40
2,443,027	1,876,472	274,825	3,655,104	27,422,291	23,451,192	41
-	533,822	4,999,634	131,420	11,932,547	10,744,410	42
26,697,230	31,583,297	67,586,487	31,899,485	120,371,975	110,047,976	49

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1963

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	6,490,502	5,665,269	5,185,435		
1b	Processing plants	53,448,663	45,922,308	50,341,692		
2	By distribution systems:					
2a	Fields	20,099,614	15,790,009	14,239,942		
2b	Processing plants	6,544,092	6,772,147	7,614,165		
3	Total (1 + 2)	86,582,871	74,149,733	77,381,234		
4	Imports	213,784	166,149	987,966		
5	Other receipts	82,482	40,522	1,002		
6	Total net receipts (3 + 4 + 5)	86,879,137	74,356,404	78,370,202		
7	Received from storage	8,536,394	5,486,862	2,646,935		
9	Total supply of gas utilities (6 + 7)	95,415,531	79,843,266	81,017,137		
	Transfers from:					
11	Other provinces .....	...	...	...
12	Distribution to transport (primary)	4,275,301	4,737,209	3,624,455		
13	Other gas utilities	43,342,270	38,021,384	35,730,383		
19	Total gross receipts (9 + 11 + 12 + 13) ...	143,033,102	122,601,859	120,371,975		
	<u>Disposition</u>					
	Sales:					
20	Residential	24,487,687	24,217,941	19,618,195		
21	Industrial	18,626,804	17,246,726	19,446,709		
22	Commercial	10,897,541	10,826,176	8,844,584		
30	Total sales (20 + 21 + 22)	54,012,032	52,290,843	47,909,488		
31	Exports	34,608,544	29,721,885	32,520,099		
32	Other deliveries	88,879	65,370	68,550		
33	Total net deliveries (30 + 31 + 32)	88,709,455	82,078,098	80,498,137		
34	Delivered to storage	607,009	363,974	680,971		
35	Line pack fluctuation	168,468	- 110,881	254,266		
36	Gas used in system	2,125,732	1,883,954	1,922,048		
37	Line losses and unaccounted for	3,804,867	- 4,371,879	- 2,338,285		
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	95,415,531	79,843,266	81,017,137		
	Transfers to:					
40	Other provinces .....	...	...	...
41	Distribution by transport (primary)	34,377,018	29,710,223	27,422,291		
42	Other gas utilities	13,240,553	13,048,370	11,932,547		
49	Total disposition (39 + 40 + 41 + 42)	143,033,102	122,601,859	120,371,975		

* Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1963

June	July	August	September	October	November	December	Year to date		No.
							1963 ^r	1962 ^r	
				Mcf.					
							17,341,206 149,712,663	149,822,895	1a 1b
							50,129,565 20,930,404	67,063,501	2a 2b
							238,113,838	216,886,396	3
							1,367,899 124,006	32,665 36,516	4 5
							239,605,743	216,955,577	6
							16,670,191	14,045,458	7
							256,275,934	231,001,035	9
							11
							12,636,965 117,094,037	108,265,880	12 13
							386,006,936	339,266,915	19
							68,323,823 55,320,239 30,568,301	64,283,656 51,044,870 28,691,635	20 21 22
							154,212,363	144,020,161	30
							96,850,528 222,799	84,025,092 238,423	31 32
							251,285,690	228,283,676	33
							1,651,954 311,853 5,931,734 - 2,905,297	1,696,748 128,497 4,848,015 - 3,964,574	34 35 36 37
							256,275,934	230,992,362	39
							40
							91,509,532 38,221,470	73,640,860 34,633,693	41 42
							386,006,936	339,266,915	49

TABLE 3. Receipts and Disposition of Natural Gas by Source

March 1963

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	4,897,714	287,721	-	5,185,435
1b	Processing plants	-	-	-	40,208,058	10,133,634	-	50,341,692
2	By distribution systems:							
2a	Fields	15,228	1,676,619	393,107	12,147,953	7,035	-	14,239,942
2b	Processing plants	-	-	2,527,762	5,032,197	54,206	-	7,614,165
3	Total (1 + 2)	15,228	1,676,619	2,920,869	62,285,922	10,482,596	-	77,381,234
4	Imports	-	-	-	-	-	987,966	987,966
5	Other receipts	-	-	-	1,002	-	-	1,002
6	Total net receipts (3 + 4 + 5)	15,228	1,676,619	2,920,869	62,286,924	10,482,596	987,966	78,370,202
7	Received from storage	-	2,629,062	-	17,873	-	-	2,646,935
9	Total supply of gas utilities (6 + 7)	15,228	4,305,681	2,920,869	62,304,797	10,482,596	987,966	81,017,137
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	794,898	2,863,428	-	3,658,326
24	Alberta	-	-	-	15,261,296	-	8,233	15,269,529
25	Saskatchewan	-	-	3,073,252	1,533,666	-	-	4,606,918
26	Manitoba	-	-	191,016	2,641,044	-	-	2,832,060
27	Ontario	-	4,603,303	-	13,735,352	-	979,733	19,318,388
28	Quebec	-	-	-	2,215,958	-	-	2,215,958
29	New Brunswick	8,309	-	-	-	-	-	8,309
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	8,309	4,603,303	3,264,268	36,182,214	2,863,428	987,966	47,909,488
31	Exports	-	-	-	25,117,194	7,402,905	-	32,520,099
32	Other deliveries	-	-	-	68,550	-	-	68,550
33	Total net deliveries (30 + 31 + 32)	8,309	4,603,303	3,264,268	61,367,958	10,266,333	987,966	80,498,137
34	Delivered to storage	-	-	331,227	349,744	-	-	680,971
35	Line pack fluctuation	-	-	- 26,321	290,771	- 10,184	-	254,266
36	Gas used in system	-	36,786	37,981	1,696,020	151,261	-	1,922,048
37	Line losses and unaccounted for	6,919	- 334,408	- 686,286	- 1,399,696	75,186	-	- 2,338,285
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	15,228	4,305,681	2,920,869	62,304,797	10,482,596	987,966	81,017,137

TABLE 4. Operating Statistics; Natural Gas Utilities

March 1963

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
March 1963:			
Daily average	1,933,625	1,545,467	2,618,681
Maximum(1)	2,317,964	...	...
Minimum(1)	1,702,097	...	...
Exports maximum(1)	1,172,444	...	1,172,444
March 1962 ^r :			
Daily average	1,689,082	1,504,213	2,473,102
Maximum(1)	2,181,114	...	...
Minimum(1)	1,425,561	...	...
Year to date 1963:			
Daily average	2,092,890	1,713,470	2,810,434
Maximum(1)	2,627,885	...	...
Minimum(1)	1,702,097	...	...
Commodity miles:			
Mcf. miles (thousands)	50,039,667	..	..
Ton miles (millions)	1,141	..	..
Line pack:			
Beginning of month (Mcf.)	6,314,691	..	..
End of month (Mcf.)	6,609,067	..	..
Operating revenues	(\$)19,142,416	(\$)33,079,287	(\$)42,106,859(2)

(1) Non-coincident.

(2) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

^r Revised figures.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

March 1963

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	145,287	172,045
Deliveries to ultimate customers	174,550	156,968
Line pack fluctuations	2,143	- 3,222
Gas used in system	- 27,968	-
Metering difference, line losses, cyclical billing adjustments and unaccounted for	- 3,438	18,299
Total disposition	145,287	172,045
Daily average sendout	5,631	5,063
Revenues	(\$)116,868	(\$)138,011

TABLE 6. Exports and Imports to and from the United States

March 1963

Customs port	Exports ^r	Imports
	Mcf.	
Cornwall, Ontario	156,927	-
Ojibway, Ontario	-	979,733
Emerson, Manitoba	5,630,055	-
Coutts, Alberta	422	8,233
Aden, Alberta	1,904,561	-
Carway, Alberta	811,606	-
Kingsgate, British Columbia	14,736,687	-
Huntingdon, British Columbia	9,279,841	-
Canada	32,520,099	987,966

^r Revised figures from Catalogue 45-005 "Sales of Manufactured and Natural Gas".

(DOMINION BUREAU OF STATISTICS

(OTTAWA - CANADA)

(Published by Authority of the Minister of Trade and Commerce)

Vol. 5, No. 4

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GAS UTILITIES

(Transport and Distribution Systems)

APRIL 1963

During April 1963 gas utilities received from field gathering systems and processing plants 67,816,425 Mcf. of natural gas. The transport systems accounted for 4,817,434 Mcf. from fields and 45,448,449 Mcf. from processing plants, while the distribution systems received 11,394,674 Mcf. and 6,155,868 Mcf. respectively; natural gas received from storage was 773,968 Mcf. The total supply of gas utilities totalled 69,715,750 Mcf. and was 12.5 per cent higher than in April 1962. Of the total supply, 40,329,665 Mcf. were sold to ultimate customers in Canada, an increase of 6.0 per cent, while exports amounted to 29,464,060 Mcf., an increase of 14.5 per cent. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and small deliveries to storage. Transport systems delivered 22,906,425 Mcf. to distribution systems, an increase of 19.9 per cent over last year. For the twelve-month period ended April 1963 exports totalled 377,902,897 Mcf., while net deliveries amounted to 811,222,087 Mcf.

The transport systems which represent virtually all of the major "intercity" movements of natural gas had traffic amounting to 46.5 billion commodity (Mcf.) miles during April 1963 compared with 41.8 billion for the same period a year ago. Ton-miles totalled 1,060 million for April 1963. The daily average deliveries of gas utilities amounted to 2.4 million Mcf./day.

Alberta natural gas utility receipts totalled 55.3 billion cubic feet; of this 24.3 per cent was sold to ultimate customers in Alberta, 22.9 per cent in Ontario, 3.8 per cent in Quebec, 3.5 per cent in Manitoba, 3.3 per cent in Saskatchewan and 1.3 per cent in British Columbia. In Table 3 deliveries of natural gas are considered as terminating and receipts from storage as originating in the province where the storage is located.

Revenue for the natural gas utilities for the month was \$34,731,866 and for manufactured and liquefied petroleum gases systems \$222,302, giving a combined Gas Utilities total of \$34,954,168.

This report has revisions in concept to bring it into line with the practice of industry, as well as several revisions by respondents to adopt the new concepts. All gas volumes are now given in cubic feet measured at 14.73 p.s.i.a. and 60° F; that is, without adjustments to a common B.T.U. base. Gas sales and exports in cubic feet containing 1,000 B.T.U.'s at 14.73 p.s.i.a. and 60° F are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", catalogue number 45-005. As a result of these changes it has been necessary to revise certain of the 1962 figures, particularly exports, to enable more meaningful comparisons. Unfortunately, there is no precise comparison of residential, commercial and industrial sales although the reported sales volumes are believed to be within 1 to 2 per cent of what volumes would have been under the revised concepts.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales, and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include a cyclical billing adjustments.

Industry Division

November 1963
506-503

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

April 1963

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	10,058	-	973,787
2b	Processing plants	-	-	-
3	Total (1 + 2)	10,058	-	973,787
4	Imports	-	-	1,118,662
5	Other receipts	-	-	-
6	Total net receipts (3 + 4 + 5)	10,058	-	2,092,449
7	Received from storage	-	-	688,849
9	Total supply of gas utilities (6 + 7)	10,058	-	2,781,298
	Transfers from:			
11	Other provinces	-	2,259,461	15,005,043
12	Distribution to transport (primary)	-	-	507,101
13	Other gas utilities	-	2,259,461	18,746,164
19	Total gross receipts (9 + 11 + 12 + 13) ...	10,058	4,518,922	37,039,606
	<u>Disposition</u>			
	Sales:			
20	Residential	5,598	549,224	6,128,546
21	Industrial	-	1,403,487	7,365,964
22	Commercial	1,800	174,332	1,963,572
30	Total sales (20 + 21 + 22)	7,398	2,127,043	15,458,082
31	Exports	-	-	130,087
32	Other deliveries	-	-	335
33	Total net deliveries (30 + 31 + 32)	7,398	2,127,043	15,588,504
34	Delivered to storage	-	-	903,550
35	Line pack fluctuation	-	- 3,250	- 101,440
36	Gas used in system	-	46,156	524,861
37	Line losses and unaccounted for	2,660	89,512	- 1,388,595
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	10,058	2,259,461	15,526,880
	Transfers to:			
40	Other provinces	-	-	2,259,461
41	Distribution by transport (primary)	-	2,259,461	13,535,292
42	Other gas utilities	-	-	5,717,973
49	Total disposition (39 + 40 + 41 + 42)	10,058	4,518,922	37,039,606

* Revised figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

April 1963

Manitoba	Saskatchewan	Alberta ^r	British Columbia	Canada	April ^r 1962	No.
					Canada	
Mcf.						
-	-	4,656,291	161,143	4,817,434	)	1a
-	-	36,246,127	9,202,322	45,448,449	)	1b
-	178,977	10,226,646	5,206	11,394,674	)	2a
-	2,010,780	4,108,288	36,800	6,155,868	)	2b
-	2,189,757	55,237,352	9,405,471	67,816,425		3
-	-	6,254	-	1,124,916		4
441	-	-	-	441		5
441	2,189,757	55,243,606	9,405,471	68,941,782		6
-	71,423	13,696	-	773,968		7
441	2,261,180	55,257,302	9,405,471	69,715,750		9
21,670,800	23,729,812	-	16,255,160	...	...	11
-	449,836	2,031,879	-	2,988,816	)	12
1,822,140	2,052,490	2,706,956	3,082,047	30,669,258	)	13
23,493,381	28,493,318	59,996,137	28,742,678	103,373,824		19
884,483	1,469,271	3,668,126	1,203,525	13,908,773		20
659,763	1,891,990	7,053,351	1,515,693	19,890,248		21
607,008	667,448	2,730,349	386,135	6,530,644		22
2,151,254	4,028,709	13,451,826	3,105,353	40,329,665		30
4,619,749	-	2,451,364	22,262,860	29,464,060		31
-	-	58,859	-	59,194		32
6,771,003	4,028,709	15,962,049	25,368,213	69,852,919		33
-	461,354	183,861	-	1,548,765		34
- 22,077	- 16,915	- 60,994	16,244	- 188,432		35
236,799	512,452	48,253	203,864	1,572,385		36
- 319,527	- 665,408	- 860,839	72,310	- 3,069,887	- 4,557,122	37
6,666,198	4,320,192	15,272,330	25,660,631	69,715,750		39
15,005,043	21,670,800	39,984,972	-	...	...	40
1,822,140	2,052,490	210,497	3,026,545	22,906,425		41
-	449,836	4,528,338	55,502	10,751,649		42
23,493,381	28,493,318	59,996,137	28,742,678	103,373,824		49

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1963

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	6,490,502	5,665,269	5,185,435	4,817,434	
1b	Processing plants	53,448,663	45,922,308	50,341,692	45,448,449	
2	By distribution systems:					
2a	Fields	20,099,614	15,790,009	14,239,942	11,394,674	
2b	Processing plants	6,544,092	6,772,147	7,614,165	6,155,868	
3	Total (1 + 2)	86,582,871	74,149,733	77,381,234	67,816,425	
4	Imports	213,784	166,149	987,966	1,124,916	
5	Other receipts	82,482	40,522	1,002	441	
6	Total net receipts (3 + 4 + 5)	86,879,137	74,356,404	78,370,202	68,941,782	
7	Received from storage	8,536,394	5,486,862	2,646,935	773,968	
9	Total supply of gas utilities (6 + 7)	95,415,531	79,843,266	81,017,137	69,715,750	
	Transfers from:					
11	Other provinces .....	...	...	...	...
12	Distribution to transport (primary)	4,275,301	4,737,209	3,624,455	2,988,816	
13	Other gas utilities	43,342,270	38,021,384	35,730,383	30,669,258	
19	Total gross receipts (9 + 11 + 12 + 13) ...	143,033,102	122,601,859	120,371,975	103,373,824	
	<u>Disposition</u>					
	Sales:					
20	Residential	24,487,687	24,217,941	19,618,195	13,908,773	
21	Industrial	18,626,804	17,246,726	19,446,709	19,890,248	
22	Commercial	10,897,541	10,826,176	8,844,584	6,530,644	
30	Total sales (20 + 21 + 22)	54,012,032	52,290,843	47,909,488	40,329,665	
31	Exports	34,608,544	29,721,885	32,520,099	29,464,060	
32	Other deliveries	88,879	65,370	68,550	59,194	
33	Total net deliveries (30 + 31 + 32)	88,709,455	82,078,098	80,498,137	69,852,919	
34	Delivered to storage	607,009	363,974	680,971	1,548,765	
35	Line pack fluctuation	168,468	- 110,881	254,266	- 188,432	
36	Gas used in system	2,125,732	1,883,954	1,922,048	1,572,385	
37	Line losses and unaccounted for	3,804,867	- 4,371,879	- 2,338,285	- 3,069,887	
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	95,415,531	79,843,266	81,017,137	69,715,750	
	Transfers to:					
40	Other provinces .....	...	...	...	...
41	Distribution by transport (primary)	34,377,018	29,710,223	27,422,291	22,906,425	
42	Other gas utilities	13,240,553	13,048,370	11,932,547	10,751,649	
49	Total disposition (39 + 40 + 41 + 42)	143,033,102	122,601,859	120,371,975	103,373,824	

* Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1963

June	July	August	September	October	November	December	Year to date		No.
							1963 ^F	1962 ^F	
				Mcf.					
							22,158,640 195,161,112	193,609,850	1a 1b
							61,524,239 27,086,272	83,978,753	2a 2b
							305,930,263	277,588,603	3
							2,492,815 124,447	942,118 36,846	4 5
							308,547,525	278,567,567	6
							17,444,159	14,405,726	7
							325,991,684	292,973,293	9
							11
							15,625,781 147,763,295	137,590,455	12 13
							489,380,760	430,563,748	19
							82,232,596 75,210,487 37,098,945	77,926,007 69,147,423 34,983,086	20 21 22
							194,542,028	182,056,516	30
							126,314,588 281,993	109,753,380 251,342	31 32
							321,138,609	292,061,238	33
							3,200,719 123,421 7,504,119 - 5,975,184	3,387,048 - 159,530 6,140,076 - 8,521,696	34 35 36 37
							325,991,684	292,907,136	39
							40
							114,415,957 48,973,119	92,753,399 44,903,213	41 42
							489,380,760	430,563,748	49

TABLE 3. Receipts and Disposition of Natural Gas by Source

April 1963

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	4,656,291	161,143	...	4,817,434
1b	Processing plants	-	-	-	36,246,127	9,202,322	...	45,448,449
2	By distribution systems:							
2a	Fields	10,058	973,787	178,977	10,226,646	5,206	...	11,394,674
2b	Processing plants	-	-	2,010,780	4,108,288	36,800	...	6,155,868
3	Total (1 + 2)	10,058	973,787	2,189,757	55,237,352	9,405,471	...	67,816,425
4	Imports .....	...	...	...	...	...	1,124,916	1,124,916
5	Other receipts	-	-	-	441	-	...	441
6	Total net receipts (3 + 4 + 5)	10,058	973,787	2,189,757	55,237,793	9,405,471	1,124,916	68,941,782
7	Received from storage	-	688,849	71,423	13,696	-	...	773,968
9	Total supply of gas utilities (6 + 7)	10,058	1,662,636	2,261,180	55,251,489	9,405,471	1,124,916	69,715,750
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	726,405	2,378,948	-	3,105,353
24	Alberta	-	-	-	13,445,572	-	6,254	13,451,826
25	Saskatchewan	-	-	2,231,185	1,797,524	-	-	4,028,709
26	Manitoba	-	-	194,870	1,956,384	-	-	2,151,254
27	Ontario	-	1,709,160	-	12,630,260	-	1,118,662	15,458,082
28	Quebec	-	-	-	2,127,043	-	-	2,127,043
29	New Brunswick	7,398	-	-	-	-	-	7,398
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	7,398	1,709,160	2,426,055	32,683,188	2,378,948	1,124,916	40,329,665
31	Exports	-	-	-	22,661,343	6,802,717	...	29,464,060
32	Other deliveries	-	-	-	59,194	-	...	59,194
33	Total net deliveries (30 + 31 + 32)	7,398	1,709,160	2,426,055	55,403,725	9,181,665	1,124,916	69,852,919
34	Delivered to storage	-	-	461,354	1,087,411	-	-	1,548,765
35	Line pack fluctuation	-	-	12,521	- 216,314	15,361	-	- 188,432
36	Gas used in system	-	21,363	38,852	1,382,236	129,934	-	1,572,385
37	Line losses and unaccounted for	2,660	- 67,887	- 677,602	- 2,405,569	78,511	-	- 3,069,887
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	10,058	1,662,636	2,261,180	55,251,489	9,405,471	1,124,916	69,715,750

TABLE 4. Operating Statistics: Natural Gas Utilities

April 1963

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
April 1963:			
Daily average	1,745,683	1,344,322	2,380,056
Maximum(1)	2,118,938	...	...
Minimum(1)	1,558,838	...	...
Exports maximum(1)	1,035,935	...	1,035,935
April 1962: ^r			
Daily average	1,494,694	1,267,879	2,182,262
Maximum(1)	1,931,729	...	...
Minimum(1)	1,329,889	...	...
Year to date 1963:			
Daily average	2,006,088	1,621,184	2,702,828
Maximum(1)	2,627,885	...	...
Minimum(1)	1,558,838	...	...
Commodity miles:			
Mcf. miles (thousands)	46,511,704	..	..
Ton-miles (millions)	1,060	..	..
Line pack:			
Beginning of month (Mcf.)	6,609,067	..	..
End of month (Mcf.)	6,411,441	..	..
Operating revenues	(\$17,234,333	(\$26,072,692	(\$34,731,866(2)

(1) Non-coincident.

(2) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

^r Revised figures.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

April 1963

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	125,232	138,473
Deliveries to ultimate customers	162,315	127,563
Line pack fluctuations	- 1,588	- 4,864
Gas used in system	- 28,173	-
Metering difference, line losses, cyclical billing adjustments and unaccounted for	- 7,322	15,774
Total disposition	125,232	138,473
Daily average sendout	5,411	4,252
Revenues	(\$107,358	(\$114,944

TABLE 6. Exports and Imports to and from the United States

April 1963

Customs port	Exports ¹	Imports
	Mcf.	
Cornwall, Ontario	130,087	-
Ojibway, Ontario	-	1,118,662
Emerson, Manitoba	4,619,749	-
Coutts, Alberta	389	6,254
Aden, Alberta	1,725,717	-
Carway, Alberta	725,258	-
Kingsgate, British Columbia	13,740,238	-
Huntingdon, British Columbia	8,522,622	-
Canada	29,464,060	1,124,916

¹ Figures revised since publication in "Sales of Manufactured and Natural Gas", Catalogue No. 45-005

DOMINION BUREAU OF STATISTICS

(OTTAWA - CANADA)

(Published by Authority of the Minister of Trade and Commerce)

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GAS UTILITIES

(Transport and Distribution Systems)

MAY 1963

During May 1963, gas utilities received from field gathering systems and processing plants 64,492,737 Mcf. of natural gas. The transport systems accounted for 3,969,236 Mcf. from fields and 44,410,120 Mcf. from processing plants, while the distribution systems received 9,779,643 Mcf. and 6,333,738 Mcf. respectively; natural gas received from storage was 152,844 Mcf. The total supply of gas utilities totalled 65,538,902 Mcf. and was 7.5 per cent higher than in May 1962. Of the total supply, 34,607,995 Mcf. were sold to ultimate customers in Canada, an increase of 13.6 per cent, while exports amounted to 28,532,280 Mcf., an increase of 4.8 per cent. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and small deliveries to storage. Transport systems delivered 21,685,393 Mcf. to distribution systems, an increase of 32.8 per cent over last year. For the twelve-month period ended May 1963 exports totalled 379,214,833 Mcf., while net deliveries amounted to 816,721,329 Mcf.

The transport systems which represent virtually all of the major "intercity" movements of natural gas had traffic amounting to 46.5 billion commodity (Mcf.) miles during May 1963 compared with 42.8 billion for the same period last year. Ton-miles totalled 1,059 million for May 1963. The daily average deliveries of gas utilities amounted to 2.1 million Mcf./day.

Alberta natural gas utility receipts totalled 53.0 billion cubic feet; of this 22.9 per cent was sold to ultimate customers in Alberta, 20.6 per cent in Ontario, 4.3 per cent in Quebec, 2.7 per cent in Manitoba, 2.7 per cent in Saskatchewan and 0.9 per cent in British Columbia. In Table 3 deliveries of natural gas are considered as terminating and receipts from storage as originating in the province where the storage is located.

Revenue for the natural gas utilities for the month was \$29,724,191 and for manufactured and liquefied petroleum gases systems \$207,450, giving a combined Gas Utilities total of \$29,931,641.

This report has revisions in concept to bring it into line with the practice of industry, as well as several revisions by respondents to adopt the new concepts. All gas volumes are now given in cubic feet measured at 14.73 p.s.i.a. and 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports in cubic feet containing 1,000 B.T.U.'s at 14.73 p.s.i.a. and 60°F are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005. As a result of these changes it has been necessary to revise certain of the 1962 figures, particularly exports, to enable more meaningful comparisons. Unfortunately, there is no precise comparison of residential, commercial and industrial sales although the reported sales volumes are believed to be within 1 to 2 per cent of what volumes would have been under the revised concepts.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include a cyclical billing adjustment.

Industry Division

November 1963
8506-503

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

May 1963

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	8,489	-	807,510
2b	Processing plants	-	-	-
3	Total (1 + 2)	8,489	-	807,510
4	Imports	-	-	871,833
5	Other receipts	-	-	-
6	Total net receipts (3 + 4 + 5)	8,489	-	1,679,343
7	Received from storage	-	-	152,115
9	Total supply of gas utilities (6 + 7)	8,489	-	1,831,458
	Transfers from:			
11	Other provinces	-	2,364,105	15,453,674
12	Distribution to transport (primary)	-	-	1,607,729
13	Other gas utilities	-	2,364,105	17,547,716
19	Total gross receipts (9 + 11 + 12 + 13) ...	8,489	4,728,210	36,440,577
	<u>Disposition</u>			
	Sales:			
20	Residential	5,607	393,260	4,178,445
21	Industrial	-	1,748,362	7,224,103
22	Commercial	1,700	112,374	1,362,540
30	Total sales (20 + 21 + 22)	7,307	2,253,996	12,765,088
31	Exports	-	-	114,126
32	Other deliveries	-	-	85
33	Total net deliveries (30 + 31 + 32)	7,307	2,253,996	12,879,299
34	Delivered to storage	-	-	2,557,191
35	Line pack fluctuation	-	1,600	22,557
36	Gas used in system	-	37,310	544,348
37	Line losses and unaccounted for	1,182	71,199	- 1,082,368
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	8,489	2,364,105	14,921,027
	Transfers to:			
40	Other provinces	-	-	2,364,105
41	Distribution by transport (primary)	-	2,364,105	13,811,874
42	Other gas utilities	-	-	5,343,571
49	Total disposition (39 + 40 + 41 + 42)	8,489	4,728,210	36,440,577

r Revised figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

May 1963

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	May ^r 1962	No.
					Canada	
Mcf.						
-	-	3,933,190	36,046	3,969,236		1a
-	-	35,988,834	8,421,286	44,410,120	44,676,443	1b
-	239,691	8,720,537	3,416	9,779,643		2a
-	1,964,115	4,347,244	22,379	6,333,738	15,419,502	2b
-	2,203,806	52,989,805	8,483,127	64,492,737	60,095,945	3
-	-	3,762	-	875,595	835,660	4
181	-	17,545	-	17,726	-	5
181	2,203,806	53,011,112	8,483,127	65,386,058	60,931,605	6
-	-	729	-	152,844	11,517	7
181	2,203,806	53,011,841	8,483,127	65,538,902	60,943,122	9
21,862,801	23,600,617	-	15,280,909	...	...	11
-	465,858	1,801,023	-	3,874,610		12
1,407,219	1,699,676	2,707,611	2,312,176	28,038,503	27,054,208	13
23,270,201	27,969,957	57,520,475	26,076,212	97,452,015	87,997,330	19
583,402	1,011,402	2,649,269	731,442	9,552,827	8,364,740	20
657,043	1,969,006	7,561,212	1,361,211	20,520,937	18,107,927	21
414,963	463,980	1,908,444	270,230	4,534,231	3,993,004	22
1,655,408	3,444,388	12,118,925	2,362,883	34,607,995	30,465,671	30
4,742,933	-	2,425,037	21,250,184	28,532,280	27,220,344	31
-	-	56,231	-	56,316	11,334	32
6,398,341	3,444,388	14,600,193	23,613,067	63,196,591	57,697,349	33
-	518,550	251,717	-	3,327,458	4,303,465	34
5,022	16,150	- 53,847	- 63,971	- 72,489	48,760	35
238,048	506,234	50,192	132,334	1,508,466	1,296,603	36
- 232,103	- 543,700	- 717,940	82,606	- 2,421,124	- 2,545,236	37
6,409,308	3,941,622	14,130,315	23,764,036	65,538,902	60,800,941	39
15,453,674	21,862,801	38,881,526	-	...	...	40
1,407,219	1,699,676	129,997	2,272,522	21,685,393	16,328,127	41
-	465,858	4,378,637	39,654	10,227,720	10,868,262	42
23,270,201	27,969,957	57,520,475	26,076,212	97,452,015	87,997,330	49

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1963

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	6,490,502	5,665,269	5,185,435	4,817,434	3,969,236
1b	Processing plants	53,448,663	45,922,308	50,341,692	45,448,449	44,410,120
2	By distribution systems:					
2a	Fields	20,099,614	15,790,009	14,239,942	11,394,674	9,779,643
2b	Processing plants	6,544,092	6,772,147	7,614,165	6,155,868	6,333,738
3	Total (1 + 2)	86,582,871	74,149,733	77,381,234	67,816,425	64,492,737
4	Imports	213,784	166,149	987,966	1,124,916	875,595
5	Other receipts	82,482	40,522	1,002	441	17,726
6	Total net receipts (3 + 4 + 5)	86,879,137	74,356,404	78,370,202	68,941,782	65,386,058
7	Received from storage	8,536,394	5,486,862	2,646,935	773,968	152,844
9	Total supply of gas utilities (6 + 7)	95,415,531	79,843,266	81,017,137	69,715,750	65,538,902
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary)	4,275,301	4,737,209	3,624,455	2,988,816	3,874,610
13	Other gas utilities	43,342,270	38,021,384	35,730,383	30,669,258	28,038,503
19	Total gross receipts (9 + 11 + 12 + 13) ...	143,033,102	122,601,859	120,371,975	103,373,824	97,452,015
	<u>Disposition</u>					
	Sales:					
20	Residential	24,487,687	24,217,941	19,618,195	13,908,773	9,552,827
21	Industrial	18,626,804	17,246,726	19,446,709	19,890,248	20,520,937
22	Commercial	10,897,541	10,826,176	8,844,584	6,530,644	4,534,231
30	Total sales (20 + 21 + 22)	54,012,032	52,290,843	47,909,488	40,329,665	34,607,995
31	Exports	34,608,544	29,721,885	32,520,099	29,464,060	28,532,280
32	Other deliveries	88,879	65,370	68,550	59,194	56,316
33	Total net deliveries (30 + 31 + 32)	88,709,455	82,078,098	80,498,137	69,852,919	63,196,591
34	Delivered to storage	607,009	363,974	680,971	1,548,765	3,327,458
35	Line pack fluctuation	168,468	- 110,881	254,266	- 188,432	- 72,489
36	Gas used in system	2,125,732	1,883,954	1,922,048	1,572,385	1,508,466
37	Line losses and unaccounted for	3,804,867	- 4,371,879	- 2,338,285	- 3,069,887	- 2,421,124
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	95,415,531	79,843,266	81,017,137	69,715,750	65,538,902
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary)	34,377,018	29,710,223	27,422,291	22,906,425	21,685,393
42	Other gas utilities	13,240,553	13,048,370	11,932,547	10,751,649	10,227,720
49	Total disposition (39 + 40 + 41 + 42)	143,033,102	122,601,859	120,371,975	103,373,824	97,452,015

† Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1963

June	July	August	September	October	November	December	Year to date		No.
							1963 ^F	1962 ^F	
				Mcf.					
							26,127,876 239,571,232	238,286,293	1a 1b
							71,303,882 33,420,010	99,398,255	2a 2b
							370,423,000	337,684,548	3
							3,368,410 142,173	1,777,778 36,846	4 5
							373,933,583	339,499,172	6
							17,597,003	14,417,243	7
							391,530,586	353,916,415	9
							11
							19,500,391 175,801,798	164,644,663	12 13
							586,832,775	518,561,078	19
							91,785,423 95,731,424 41,633,176	86,290,747 87,255,350 38,976,090	20 21 22
							229,150,023	212,522,187	30
							154,846,868 338,309	136,973,724 262,676	31 32
							384,335,200	349,758,587	33
							6,528,177 50,932 9,012,585 - 8,396,308	7,690,513 - 110,770 7,436,679 - 11,066,932	34 35 36 37
							391,530,586	353,708,077	39
							40
							136,101,350 59,200,839	109,081,526 55,771,475	41 42
							586,832,775	518,561,078	49

TABLE 3. Receipts and Disposition of Natural Gas by Source

May 1963

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	3,933,190	36,046	...	3,969,236
1b	Processing plants	-	-	-	35,988,834	8,421,286	...	44,410,120
2	By distribution systems:							
2a	Fields	8,489	807,510	239,691	8,720,537	3,416	...	9,779,643
2b	Processing plants	-	-	1,964,115	4,347,244	22,379	...	6,333,738
3	Total (1 + 2)	8,489	807,510	2,203,806	52,989,805	8,483,127	...	64,492,737
4	Imports .....	...	...	...	...	...	875,595	875,595
5	Other receipts	-	-	-	17,726	-	...	17,726
6	Total net receipts (3 + 4 + 5)	8,489	807,510	2,203,806	53,007,531	8,483,127	875,595	65,386,058
7	Received from storage	-	152,115	-	729	-	...	152,844
9	Total supply of gas utilities (6 + 7)	8,489	959,625	2,203,806	53,008,260	8,483,127	875,595	65,538,902
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	485,321	1,877,562	-	2,362,883
24	Alberta	-	-	-	12,115,163	-	3,762	12,118,925
25	Saskatchewan	-	-	2,003,115	1,441,273	-	-	3,444,388
26	Manitoba	-	-	207,455	1,447,953	-	-	1,655,408
27	Ontario	-	994,674	-	10,898,581	-	871,833	12,765,088
28	Quebec	-	-	-	2,253,996	-	-	2,253,996
29	New Brunswick	7,307	-	-	-	-	-	7,307
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	7,307	994,674	2,210,570	28,642,287	1,877,562	875,595	34,607,995
31	Exports	-	-	-	21,985,841	6,546,439	...	28,532,280
32	Other deliveries	-	-	-	56,316	-	...	56,316
33	Total net deliveries (30 + 31 + 32)	7,307	994,674	2,210,570	50,684,444	8,424,001	875,595	63,196,591
34	Delivered to storage	-	-	518,550	2,808,908	-	-	3,327,458
35	Line pack fluctuation	-	-	9,454	- 44,755	- 37,188	-	- 72,489
36	Gas used in system	-	32,530	30,138	1,371,641	74,157	-	1,508,466
37	Line losses and unaccounted for	1,182	- 67,579	- 564,906	- 1,811,978	22,157	-	- 2,421,124
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	8,489	959,625	2,203,806	53,008,260	8,483,127	875,595	65,538,902

TABLE 4. Operating Statistics: Natural Gas Utilities

May 1963

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
May 1963:			
Daily average	1,619,925	1,116,387	2,145,937
Maximum(1)	1,906,963	...	...
Minimum(1)	1,420,354	...	...
Exports maximum(1)	1,002,249	...	1,002,249
May 1962: ^r			
Daily average	1,404,789	982,764	2,000,026
Maximum(1)	1,812,723	...	...
Minimum(1)	1,287,457	...	...
Year to date 1963:			
Daily average	1,926,809	1,517,550	2,588,499
Maximum(1)	2,627,885	...	...
Minimum(1)	1,420,354	...	...
Commodity miles:			
Mcf. miles (thousands)	46,451,098	..	..
Ton-miles (millions)	1,059	..	..
Line pack:			
Beginning of month (Mcf.)	6,411,441	..	..
End of month (Mcf.)	6,334,233	..	..
Operating revenues	(\$16,581,310	(\$21,053,755	(\$29,724,191(2)

- (1) Non-coincident.
(2) Interindustry revenues eliminated.
.. Figures not available.
... Figures not appropriate or not applicable.
^r Revised figures.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

May 1963

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	120,025	104,921
Deliveries to ultimate customers	154,447	89,854
Line pack fluctuations	- 2,313	419
Gas used in system	- 28,273	-
Metering difference, line losses, cyclical billing adjustments and unaccounted for	- 3,836	14,648
Total disposition	120,025	104,921
Daily average sendout	4,982	2,899
Revenues	(\$104,445	(\$103,005

TABLE 6. Exports and Imports to and from the United States

May 1963

Customs port	Exports ^r	Imports
	Mcf.	
Cornwall, Ontario	114,126	-
Ojibway, Ontario	-	871,833
Emerson, Manitoba	4,742,933	-
Coutts, Alberta	333	3,762
Aden, Alberta	1,511,659	-
Carway, Alberta	913,045	-
Kingsgate, British Columbia	13,239,800	-
Huntingdon, British Columbia	8,010,384	-
Canada	28,532,280	875,595

^r Figures revised since publication in "Sales of Manufactured and Natural Gas", Catalogue No. 45-005.

DOMINION BUREAU OF STATISTICS

(OTTAWA - CANADA)

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GAS UTILITIES

(Transport and Distribution Systems)

JUNE 1963

In June 1963 natural gas utility receipts from field gathering systems and processing plants totalled 58,246,693 Mcf. The transport systems accounted for 3,545,883 Mcf. from fields and 40,807,081 Mcf. from processing plants, while the distribution systems received 7,666,185 Mcf. and 6,227,544 Mcf. respectively; natural gas received from storage was 39,489 Mcf. The total supply of gas utilities totalled 59,118,486 Mcf. and was 6.3 per cent higher than in June 1962. Of the total supply, 28,125,175 Mcf. were sold to ultimate customers in Canada, an increase of 12.5 per cent, and 26,118,308 Mcf. were exported, a decrease of less than one per cent from last year. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and small deliveries to storage. Transport systems delivered 16,947,007 Mcf. to distribution systems, an increase of 15.6 per cent over last year. For the twelve-month period ended June 1963 exports totalled 378,830,017 Mcf., while net deliveries amounted to 819,481,748 Mcf.

The transport systems which represent virtually all of the major "intercity" movements of natural gas had traffic amounting to 43.9 billion commodity (Mcf.) miles during June 1963 compared with 40.2 billion for the same period in 1962. Ton-miles totalled 1,000 million for June 1963. The daily average deliveries of gas utilities amounted to 2.0 million Mcf.

Alberta natural gas utility receipts totalled 48.2 billion cubic feet; of this 20.8 per cent was sold to ultimate customers in Alberta, 17.4 per cent in Ontario, 4.6 per cent in Quebec, 2.2 per cent in Saskatchewan, 1.8 per cent in Manitoba and 0.8 per cent in British Columbia. In Table 3 deliveries of natural gas are considered as terminating and receipts from storage as originating in the province where the storage is located.

Revenue for the natural gas utilities for the month was \$23,751,359 and for manufactured and liquefied petroleum gases systems \$168,928, giving a combined Gas Utilities total of \$23,920,287.

This report has revisions in concept to bring it into line with the practice of industry, as well as several revisions by respondents to adopt the new concepts. All gas volumes are now given in cubic feet measured at 14.73 p.s.i.a. and 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports in cubic feet containing 1,000 B.T.U.'s at 14.73 p.s.i.a. and 60°F are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", catalogue number 45-005. As a result of these changes it has been necessary to revise certain of the 1962 figures, particularly exports, to enable more meaningful comparisons. Unfortunately, there is no precise comparison of residential, commercial and industrial sales although the reported sales volumes are believed to be within 1 to 2 per cent of what volumes would have been under the revised concepts.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include a cyclical billing adjustment.

Industry Division

December 1963
606-503

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

June 1963

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	7,629	-	767,021
2b	Processing plants	-	-	-
3	Total (1 + 2)	7,629	-	767,021
4	Imports	-	-	825,815
5	Other receipts	-	-	-
6	Total net receipts (3 + 4 + 5)	7,629	-	1,592,836
7	Received from storage	-	-	26,171
9	Total supply of gas utilities (6 + 7)	7,629	-	1,619,007
	Transfers from:			
11	Other provinces	-	2,256,591	14,838,650
12	Distribution to transport (primary)	-	-	2,633,139
13	Other gas utilities	-	2,256,591	15,680,378
19	Total gross receipts (9 + 11 + 12 + 13) ...	7,629	4,513,182	34,771,174
	<u>Disposition</u>			
	Sales:			
20	Residential	4,950	282,403	2,390,985
21	Industrial	-	1,824,948	6,746,432
22	Commercial	1,305	120,245	878,747
30	Total sales (20 + 21 + 22)	6,255	2,227,596	10,016,164
31	Exports	-	-	107,934
32	Other deliveries	-	-	-
33	Total net deliveries (30 + 31 + 32)	6,255	2,227,596	10,124,098
34	Delivered to storage	-	-	4,667,802
35	Line pack fluctuation	-	1,650	- 69,866
36	Gas used in system	-	30,059	544,891
37	Line losses and unaccounted for	1,374	- 2,714	- 1,065,859
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	7,629	2,256,591	14,201,066
	Transfers to:			
40	Other provinces	-	-	2,256,591
41	Distribution by transport (primary)	-	2,256,591	10,629,559
42	Other gas utilities	-	-	7,683,958
49	Total disposition (39 + 40 + 41 + 42)	7,629	4,513,182	34,771,174

F Revised figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

June 1963

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	June ^r 1962	No.
Mcf.						
-	-	3,365,414	180,469	3,545,883)	41,725,735	1a
-	-	33,725,847	7,081,234	40,807,081)		1b
-	373,544	6,515,552	2,439	7,666,185)		2a
-	1,627,256	4,587,358	12,930	6,227,544)	13,008,796	2b
-	2,000,800	48,194,171	7,277,072	58,246,693	54,734,531	3
-	-	2,447	-	828,262	822,340	4
536	-	3,506	-	4,042	-	5
536	2,000,800	48,200,124	7,277,072	59,078,997	55,556,871	6
-	-	13,318	-	39,489	47,752	7
536	2,000,800	48,213,442	7,277,072	59,118,486	55,604,623	9
20,538,524	21,824,885	-	14,302,515	...	...	11
-	491,029	1,275,897	-	4,400,065)		12
845,442	1,274,091	2,221,537	1,892,984	24,171,023)	25,793,587	13
21,384,502	25,590,805	51,710,876	23,472,571	87,689,574	81,398,210	19
301,007	632,369	1,503,821	486,717	5,602,252	4,783,564	20
598,122	1,900,636	7,442,113	1,224,067	19,736,318	17,694,617	21
224,244	283,132	1,085,729	193,203	2,786,605	2,513,828	22
1,123,373	2,816,137	10,031,663	1,903,987	28,125,175	24,992,009	30
4,594,468	-	1,910,066	19,505,840	26,118,308	26,503,124	31
-	-	52,586	-	52,586	40,517	32
5,717,841	2,816,137	11,994,315	21,409,827	54,296,069	51,535,650	33
-	547,464	276,028	-	5,491,294	4,498,049	34
- 16,917	- 19,444	- 15,015	- 40,230	- 159,822	- 383,192	35
235,018	494,152	54,554	117,167	1,475,841	1,147,296	36
- 235,532	- 551,148	- 223,840	92,823	- 1,984,896	- 1,129,149	37
5,700,410	3,287,161	12,086,042	21,579,587	59,118,486	55,668,654	39
14,838,650	20,538,524	36,127,400	-	...	...	40
845,442	1,274,091	69,281	1,872,043	16,947,007	14,662,683	41
-	491,029	3,428,153	20,941	11,624,081	11,066,873	42
21,384,502	25,590,805	51,710,876	23,472,571	87,689,574	81,398,210	49

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1963

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	6,490,502	5,665,269	5,185,435	4,817,434	3,969,236
1b	Processing plants	53,448,663	45,922,308	50,341,692	45,448,449	44,410,120
2	By distribution systems:					
2a	Fields	20,099,614	15,790,009	14,239,942	11,394,674	9,779,643
2b	Processing plants	6,544,092	6,772,147	7,614,165	6,155,868	6,333,738
3	Total (1 + 2)	86,582,871	74,149,733	77,381,234	67,816,425	64,492,737
4	Imports	213,784	166,149	987,966	1,124,916	875,595
5	Other receipts	82,482	40,522	1,002	441	17,726
6	Total net receipts (3 + 4 + 5)	86,879,137	74,356,404	78,370,202	68,941,782	65,386,058
7	Received from storage	8,536,394	5,486,862	2,646,935	773,968	152,844
9	Total supply of gas utilities (6 + 7)	95,415,531	79,843,266	81,017,137	69,715,750	65,538,902
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary)	4,275,301	4,737,209	3,624,455	2,988,816	3,874,610
13	Other gas utilities	43,342,270	38,021,384	35,730,383	30,669,258	28,038,503
19	Total gross receipts (9 + 11 + 12 + 13) ...	143,033,102	122,601,859	120,371,975	103,373,824	97,452,015
	<u>Disposition</u>					
	Sales:					
20	Residential	24,487,687	24,217,941	19,618,195	13,908,773	9,552,827
21	Industrial	18,626,804	17,246,726	19,446,709	19,890,248	20,520,937
22	Commercial	10,897,541	10,826,176	8,844,584	6,530,644	4,534,231
30	Total sales (20 + 21 + 22)	54,012,032	52,290,843	47,909,488	40,329,665	34,607,995
31	Exports	34,608,544	29,721,885	32,520,099	29,464,060	28,532,280
32	Other deliveries	88,879	65,370	68,550	59,194	56,316
33	Total net deliveries (30 + 31 + 32)	88,709,455	82,078,098	80,498,137	69,852,919	63,196,591
34	Delivered to storage	607,009	363,974	680,971	1,548,765	3,327,458
35	Line pack fluctuation	168,468	- 110,881	254,266	- 188,432	- 72,489
36	Gas used in system	2,125,732	1,883,954	1,922,048	1,572,385	1,508,466
37	Line losses and unaccounted for	3,804,867	- 4,371,879	- 2,338,285	- 3,069,887	- 2,421,124
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	95,415,531	79,843,266	81,017,137	69,715,750	65,538,902
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary)	34,377,018	29,710,223	27,422,291	22,906,425	21,685,393
42	Other gas utilities	13,240,553	13,048,370	11,932,547	10,751,649	10,227,720
49	Total disposition (39 + 40 + 41 + 42)	143,033,102	122,601,859	120,371,975	103,373,824	97,452,015

* Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1963

June	July	August	September	October	November	December	Year to date		No.
							1963 ^r	1962 ^r	
Mcf.									
3,545,883 40,807,081							29,673,759 280,378,313	) 280,012,028	1a 1b
7,666,185 6,227,544							78,970,067 39,647,554	) 112,407,051	2a 2b
58,246,693							428,669,693	392,419,079	3
828,262 4,042							4,196,672 146,215	2,600,118 36,846	4 5
59,078,997							433,012,580	395,056,043	6
39,489							17,636,492	14,464,995	7
59,118,486							450,649,072	409,521,038	9
.... 4,400,065 24,171,023							.... 23,900,456 199,972,821	) .... 190,438,250	11 12 13
87,689,574							674,522,349	599,959,288	19
5,602,252 19,736,318 2,786,605							97,387,675 115,467,742 44,419,781	91,074,311 104,949,967 41,489,918	20 21 22
28,125,175							257,275,198	237,514,196	30
26,118,308 52,586							180,965,176 390,895	163,476,848 303,193	31 32
54,296,069							438,631,269	401,294,237	33
5,491,294 - 159,822 1,475,841 - 1,984,896							12,019,471 - 108,890 10,488,426 - 10,381,204	12,188,562 - 493,962 8,583,975 - 12,196,081	34 35 36 37
59,118,486							450,649,072	409,376,731	39
.... 16,947,007 11,624,081							.... 153,048,357 70,824,920	123,744,209 66,838,348	40 41 42
87,689,574							674,522,349	599,959,288	49

TABLE 3. Receipts and Disposition of Natural Gas by Source

June 1963

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	3,365,414	180,469	...	3,545,883
1b	Processing plants	-	-	-	33,725,847	7,081,234	...	40,807,081
2	By distribution systems:							
2a	Fields	7,629	767,021	373,544	6,515,552	2,439	...	7,666,185
2b	Processing plants	-	-	1,627,256	4,587,358	12,930	...	6,227,544
3	Total (1 + 2)	7,629	767,021	2,000,800	48,194,171	7,277,072	...	58,246,693
4	Imports .....	...	...	...	...	...	828,262	828,262
5	Other receipts	-	-	-	4,042	-	...	4,042
6	Total net receipts (3 + 4 + 5)	7,629	767,021	2,000,800	48,198,213	7,277,072	828,262	59,078,997
7	Received from storage	-	26,171	-	13,318	-	...	39,489
9	Total supply of gas utilities (6 + 7)	7,629	793,192	2,000,800	48,211,531	7,277,072	828,262	59,118,486
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	398,082	1,505,905	-	1,903,987
24	Alberta	-	-	-	10,029,216	-	2,447	10,031,663
25	Saskatchewan	-	-	1,776,363	1,039,774	-	-	2,816,137
26	Manitoba	-	-	256,712	866,661	-	-	1,123,373
27	Ontario	-	802,122	-	8,388,227	-	825,815	10,016,164
28	Quebec	-	-	-	2,227,596	-	-	2,227,596
29	New Brunswick	6,255	-	-	-	-	-	6,255
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	6,255	802,122	2,033,075	22,949,556	1,505,905	828,262	28,125,175
31	Exports	-	-	-	20,392,221	5,726,087	...	26,118,308
32	Other deliveries	-	-	-	52,586	-	...	52,586
33	Total net deliveries (30 + 31 + 32)	6,255	802,122	2,033,075	43,394,363	7,231,992	828,262	54,296,069
34	Delivered to storage	-	-	547,464	4,943,830	-	-	5,491,294
35	Line pack fluctuation	-	-	3,112	- 128,334	- 34,600	-	- 159,822
36	Gas used in system	-	44,980	24,114	1,341,080	65,667	-	1,475,841
37	Line losses and unaccounted for	1,374	- 53,910	- 606,965	- 1,339,408	14,013	-	- 1,984,896
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	7,629	793,192	2,000,800	48,211,531	7,277,072	828,262	59,118,486

TABLE 4. Operating Statistics: Natural Gas Utilities

June 1963

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
June 1963:			
Daily average	1,435,511	937,506	1,992,912
Maximum(1)	1,762,660	...	...
Minimum(1)	1,134,536	...	...
Exports maximum(1)	992,303	...	992,303
June 1962 ^r :			
Daily average	1,372,194	833,067	1,867,790
Maximum(1)	1,689,411	...	...
Minimum(1)	1,314,261	...	...
Year to date 1963:			
Daily average	1,845,379	1,421,410	2,489,783
Maximum(1)	2,627,885	...	...
Minimum(1)	1,134,536	...	...
Commodity miles:			
Mcf. miles (thousands)	43,857,456	..	..
Ton-miles (millions)	1,000	..	..
Line pack:			
Beginning of month (Mcf.)	6,334,233	..	..
End of month (Mcf.)	6,177,485	..	..
Operating revenues	(\$14,930,074	(\$15,729,164	(\$23,751,359(2)

- (1) Non-coincident.
(2) Interindustry revenues eliminated.
.. Figures not available.
... Figures not appropriate or not applicable.
^r Revised figures.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

June 1963

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	83,557	97,602
Deliveries to ultimate customers	100,022	84,883
Line pack fluctuations	2,900	471
Gas used in system	- 20,978	38
Metering difference, line losses, cyclical billing adjustments and unaccounted for	1,613	12,210
Total disposition	83,557	97,602
Daily average sendout	3,334	2,829
Revenues	(\$63,195	(\$105,733

TABLE 6. Exports and Imports to and from the United States

June 1963

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	107,934	-
Ojibway, Ontario	-	825,815
Emerson, Manitoba	4,594,468	-
Coutts, Alberta	146	2,447
Aden, Alberta	969,794	-
Carway, Alberta	940,126	-
Kingsgate, British Columbia	12,586,851	-
Huntingdon, British Columbia	6,918,989	-
Canada	26,118,308	828,262

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GAS UTILITIES

(Transport and Distribution Systems)

JULY 1963

During July 1963 gas utilities received from field gathering systems and processing plants 57,826,061 Mcf. of natural gas. The transport systems accounted for 3,917,797 Mcf. from fields and 41,167,577 Mcf. from processing plants, while the distribution systems received 6,927,079 Mcf. and 5,813,608 Mcf. respectively. The total supply of gas utilities amounted to 58,703,542 Mcf. and was 3.3 per cent higher than in July 1962. Of the total supply, 24,521,348 Mcf. were sold to ultimate customers in Canada, an increase of 10.5 per cent, while exports amounted to 26,871,216 Mcf., a decrease of 2.1 per cent from July 1962. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and deliveries to storage. Transport systems delivered 16,385,216 Mcf. to distribution systems, an increase of 14.6 per cent over last year. For the twelve-month period ended July 1963 exports totalled 378,251,900 Mcf., while net deliveries amounted to 821,228,795 Mcf.

The transport systems which represent virtually all of the major "intercity" movements of natural gas had traffic amounting to 45.0 billion commodity (Mcf.) miles during July 1963 compared with 41.3 billion for the same period last year. Ton-miles totalled 1,026 million for July 1963. The daily average deliveries of gas utilities amounted to 1.9 million Mcf.

Alberta natural gas utility receipts totalled 49.7 billion cubic feet; of this 18.4 per cent was sold to ultimate customers in Alberta, 13.9 per cent in Ontario, 4.2 per cent in Quebec, 1.7 per cent in Saskatchewan, 1.2 per cent in British Columbia and 1.2 per cent in Manitoba. In Table 3 deliveries of natural gas are considered as terminating and receipts from storage as originating in the province where the storage is located.

Revenue for the natural gas utilities for the month was \$21,298,187 and for manufactured and liquefied petroleum gases systems \$163,154, giving a combined Gas Utilities total of \$21,461,341.

This report has revisions in concept to bring it into line with the practice of industry, as well as several revisions by respondents to adopt the new concepts. All gas volumes are now given in cubic feet measured at 14.73 p.s.i.a. and 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports in cubic feet containing 1,000 B.T.U.'s at 14.73 p.s.i.a. and 60°F are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005. As a result of these changes it has been necessary to revise certain of the 1962 figures, particularly exports, to enable more meaningful comparisons. Unfortunately, there is no precise comparison of residential, commercial and industrial sales although the reported sales volumes are believed to be within 1 to 2 per cent of what volumes would have been under the revised concepts.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include a cyclical billing adjustment.

Industry Division

December 1963
3506-503

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province
July 1963

No.		New Brunswick	Quebec	Ontario
		Mcf.		
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	7,082	-	662,904
2b	Processing plants	-	-	-
3	Total (1 + 2)	7,082	-	662,904
4	Imports	-	-	865,944
5	Other receipts	-	-	-
6	Total net receipts (3 + 4 + 5)	7,082	-	1,528,848
7	Received from storage	-	-	-
9	Total supply of gas utilities (6 + 7)	7,082	-	1,528,848
	Transfers from:			
11	Other provinces	-	2,182,463	15,191,053
12	Distribution to transport (primary)	-	-	3,343,333
13	Other gas utilities	-	2,182,463	15,719,600
19	Total gross receipts (9 + 11 + 12 + 13) ...	7,082	4,364,926	35,782,833
	<u>Disposition</u>			
	Sales:			
20	Residential	4,003	186,582	1,406,111
21	Industrial	-	1,831,375	6,326,411
22	Commercial	1,210	86,862	588,444
30	Total sales (20 + 21 + 22)	5,213	2,104,819	8,320,966
31	Exports	-	-	116,799
32	Other deliveries	-	-	-
33	Total net deliveries (30 + 31 + 32)	5,213	2,104,819	8,437,765
34	Delivered to storage	-	-	5,869,777
35	Line pack fluctuation	-	- 200	- 65,911
36	Gas used in system	-	19,830	573,044
37	Line losses and unaccounted for	1,869	58,014	- 277,111
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	7,082	2,182,463	14,537,409
	Transfers to:			
40	Other provinces	-	-	2,182,463
41	Distribution by transport (primary)	-	2,182,463	10,510,909
42	Other gas utilities	-	-	8,551,911
49	Total disposition (39 + 40 + 41 + 42)	7,082	4,364,926	35,782,833

F Revised figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

July 1963

Manitoba	Saskatchewan	Alberta	British ^r Columbia	Canada	July ^r 1962	No.
					Canada	
Mcf.						
-	-	3,739,358	178,439	3,917,797	) 43,442,380	1a
-	-	35,541,240	5,626,337	41,167,577		1b
-	398,941	5,853,208	4,944	6,927,079	) 12,374,146	2a
-	1,283,588	4,519,577	10,443	5,813,608		2b
-	1,682,529	49,653,383	5,820,163	57,826,061	55,816,526	3
-	-	1,456	-	867,400	943,979	4
71	-	10,010	-	10,081	-	5
71	1,682,529	49,664,849	5,820,163	58,703,542	56,760,505	6
-	-	-	-	-	77,750	7
71	1,682,529	49,664,849	5,820,163	58,703,542	56,838,255	9
20,979,822	22,116,689	-	16,011,343	...	...	11
-	469,453	1,293,089	-	5,105,874	) 25,544,417	12
747,324	1,087,757	2,998,337	1,804,297	24,539,783		13
21,727,217	25,356,428	53,956,275	23,635,803	88,349,199	82,382,672	19
120,001	340,262	1,033,582	386,485	3,477,050	3,229,854	20
571,463	1,888,406	7,319,689	1,219,950	19,157,302	17,192,307	21
107,139	148,543	798,126	156,674	1,886,996	1,759,892	22
798,603	2,377,211	9,151,397	1,763,109	24,521,348	22,182,053	30
4,774,918	-	2,047,201	19,932,307	26,871,216	27,449,333	31
-	-	50,623	-	50,623	64,754	32
5,573,521	2,377,211	11,249,221	21,695,416	51,443,187	49,696,140	33
-	144,695	275,739	-	6,290,164	5,418,722	34
- 15,206	- 39,475	- 33,353	- 112,373	- 266,566	- 14,908	35
244,788	508,416	56,960	118,290	1,521,333	1,244,547	36
- 14,261	- 171,451	- 11,750	130,173	- 284,576	525,719	37
5,788,842	2,819,396	11,536,817	21,831,506	58,703,542	56,870,220	39
15,191,051	20,979,822	38,128,032	-	...	...	40
747,324	1,087,757	66,612	1,790,066	16,385,216	14,297,209	41
-	469,453	4,224,814	14,231	13,260,441	11,215,243	42
21,727,217	25,356,428	53,956,275	23,635,803	88,349,199	82,382,672	49

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1963

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	6,490,502	5,665,269	5,185,435	4,817,434	3,969,236
1b	Processing plants	53,448,663	45,922,308	50,341,692	45,448,449	44,410,120
2	By distribution systems:					
2a	Fields	20,099,614	15,790,009	14,239,942	11,394,674	9,779,643
2b	Processing plants	6,544,092	6,772,147	7,614,165	6,155,868	6,333,738
3	Total (1 + 2)	86,582,871	74,149,733	77,381,234	67,816,425	64,492,737
4	Imports	213,784	166,149	987,966	1,124,916	875,595
5	Other receipts	82,482	40,522	1,002	441	17,726
6	Total net receipts (3 + 4 + 5)	86,879,137	74,356,404	78,370,202	68,941,782	65,386,058
7	Received from storage	8,536,394	5,486,862	2,646,935	773,968	152,844
9	Total supply of gas utilities (6 + 7)	95,415,531	79,843,266	81,017,137	69,715,750	65,538,902
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary)	4,275,301	4,737,209	3,624,455	2,988,816	3,874,610
13	Other gas utilities	43,342,270	38,021,384	35,730,383	30,669,258	28,038,503
19	Total gross receipts (9 + 11 + 12 + 13) ...	143,033,102	122,601,859	120,371,975	103,373,824	97,452,015
	<u>Disposition</u>					
	Sales:					
20	Residential	24,487,687	24,217,941	19,618,195	13,908,773	9,552,827
21	Industrial	18,626,804	17,246,726	19,446,709	19,890,248	20,520,937
22	Commercial	10,897,541	10,826,176	8,844,584	6,530,644	4,534,231
30	Total sales (20 + 21 + 22)	54,012,032	52,290,843	47,909,488	40,329,665	34,607,995
31	Exports	34,608,544	29,721,885	32,520,099	29,464,060	28,532,280
32	Other deliveries	88,879	65,370	68,550	59,194	56,316
33	Total net deliveries (30 + 31 + 32)	88,709,455	82,078,098	80,498,137	69,852,919	63,196,591
34	Delivered to storage	607,009	363,974	680,971	1,548,765	3,327,458
35	Line pack fluctuation	168,468	- 110,881	254,266	- 188,432	- 72,489
36	Gas used in system	2,125,732	1,883,954	1,922,048	1,572,385	1,508,466
37	Line losses and unaccounted for	3,804,867	- 4,371,879	- 2,338,285	- 3,069,887	- 2,421,124
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	95,415,531	79,843,266	81,017,137	69,715,750	65,538,902
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary)	34,377,018	29,710,223	27,422,291	22,906,425	21,685,393
42	Other gas utilities	13,240,553	13,048,370	11,932,547	10,751,649	10,227,720
49	Total disposition (39 + 40 + 41 + 42)	143,033,102	122,601,859	120,371,975	103,373,824	97,452,015

* Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1963

June	July	August	September	October	November	December	Year to date		No.
							1963 ^r	1962 ^r	
Mcf.									
3,545,883 40,807,081	3,917,797 41,167,577						33,591,556 321,545,890	323,454,408	1a 1b
7,666,185 6,227,544	6,927,079 5,813,608						85,897,146 45,461,162	124,781,197	2a 2b
58,246,693	57,826,061						486,495,754	448,235,605	3
828,262 4,042	867,400 10,081						5,064,072 156,296	3,544,097 36,846	4 5
59,078,997	58,703,542						491,716,122	451,816,548	6
39,489	-						17,636,492	14,542,745	7
59,118,486	58,703,542						509,352,614	466,359,293	9
...	...						...	...	11
4,400,065 24,171,023	5,105,874 24,539,783						29,006,330 224,512,604	215,982,667	12 13
87,689,574	88,349,199						762,871,548	682,341,960	19
5,602,252 19,736,318 2,786,605	3,477,050 19,157,302 1,886,996						100,864,725 134,625,044 46,306,777	94,304,165 122,142,274 43,249,810	20 21 22
28,125,175	24,521,348						281,796,546	259,696,249	30
26,118,308 52,586	26,871,216 50,623						207,836,392 441,518	190,926,181 367,947	31 32
54,296,069	51,443,187						490,074,456	450,990,377	33
5,491,294 - 159,822 1,475,841 - 1,984,896	6,290,164 - 266,566 1,521,333 - 284,576						18,309,635 - 375,456 12,009,759 - 10,665,780	17,607,284 - 508,870 9,828,522 -11,670,362	34 35 36 37
59,118,486	58,703,542						509,352,614	466,246,951	39
...	...						...	...	40
16,947,007 11,624,081	16,385,216 13,260,441						169,433,573 84,085,361	138,041,418 78,053,591	41 42
87,689,574	88,349,199						762,871,548	682,341,960	49

TABLE 3. Receipts and Disposition of Natural Gas by Source

July 1963

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.						
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	3,739,358	178,439	...	3,917,797
1b	Processing plants	-	-	-	35,541,240	5,626,337	...	41,167,577
2	By distribution systems:							
2a	Fields	7,082	662,904	398,941	5,853,208	4,944	...	6,927,079
2b	Processing plants	-	-	1,283,588	4,519,577	10,443	...	5,813,608
3	Total (1 + 2)	7,082	662,904	1,682,529	49,653,383	5,820,163	...	57,826,061
4	Imports .....	...	...	...	...	...	867,400	867,400
5	Other receipts	-	-	-	10,081	-	...	10,081
6	Total net receipts (3 + 4 + 5)	7,082	662,904	1,682,529	49,663,464	5,820,163	867,400	58,703,542
7	Received from storage	-	-	-	-	-	...	-
9	Total supply of gas utilities (6 + 7)	7,082	662,904	1,682,529	49,663,464	5,820,163	867,400	58,703,542
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	586,347	1,176,762	-	1,763,109
24	Alberta	-	-	-	9,149,941	-	1,456	9,151,397
25	Saskatchewan	-	-	1,533,735	843,476	-	-	2,377,211
26	Manitoba	-	-	225,172	573,431	-	-	798,603
27	Ontario	-	538,761	-	6,916,291	-	865,944	8,320,996
28	Quebec	-	-	-	2,104,819	-	-	2,104,819
29	New Brunswick	5,213	-	-	-	-	-	5,213
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	5,213	538,761	1,758,907	20,174,305	1,176,762	867,400	24,521,348
31	Exports	-	-	-	22,232,989	4,638,227	...	26,871,216
32	Other deliveries	-	-	-	50,623	-	...	50,623
33	Total net deliveries (30 + 31 + 32)	5,213	538,761	1,758,907	42,457,917	5,814,989	867,400	51,443,187
34	Delivered to storage	-	-	144,695	6,145,469	-	-	6,290,164
35	Line pack fluctuation	-	-	- 19,200	- 119,863	- 127,503	-	- 266,566
36	Gas used in system	-	62,186	18,841	1,391,449	48,857	-	1,521,333
37	Line losses and unaccounted for	1,869	61,957	- 220,714	- 211,508	83,820	-	- 284,576
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	7,082	662,904	1,682,529	49,663,464	5,820,163	867,400	58,703,542

TABLE 4. Operating Statistics: Natural Gas Utilities

July 1963

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
July 1963:			
Daily average	1,395,368	791,011	1,862,366
Maximum(1)	1,680,994	...	...
Minimum(1)	1,171,709	...	...
Exports maximum(1)	996,969	...	996,969
July 1962 ^r :			
Daily average	1,346,662	715,550	1,777,898
Maximum(1)	1,675,004	...	...
Minimum(1)	1,257,536	...	...
Year to date 1963:			
Daily average	1,779,575	1,329,228	2,398,038
Maximum(1)	2,627,885	...	...
Minimum(1)	1,134,536	...	...
Commodity miles:			
Mcf. miles (thousands)	45,005,815	..	..
Ton-miles (millions)	1,026	..	..
Line pack:			
Beginning of month (Mcf.)	6,177,485	..	..
End of month (Mcf.)	5,926,617	..	..
Operating revenues	(\$15,082,242	(\$13,043,669	(\$21,298,187(2)

(1) Non-coincident.

(2) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

^r Revised figures.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

July 1963

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	74,011	95,567
Deliveries to ultimate customers	92,136	80,881
Line pack fluctuations	- 1,311	41
Gas used in system	- 13,463	784
Metering difference, line losses, cyclical billing adjustments and unaccounted for	- 3,351	13,861
Total disposition	74,011	95,567
Daily average sendout	2,972	2,609
Revenues	(\$58,901	(\$104,253

TABLE 6. Exports and Imports to and from the United States

July 1963

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	116,790	-
Ojibway, Ontario	-	865,944
Emerson, Manitoba	4,774,918	-
Coutts, Alberta	154	1,456
Aden, Alberta	1,075,857	-
Carway, Alberta	971,190	-
Kingsgate, British Columbia	12,990,948	-
Huntingdon, British Columbia	6,941,359	-
Canada	26,871,216	867,400

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GAS UTILITIES

(Transport and Distribution Systems)

AUGUST 1963

Gas utilities for August 1963 received from field gathering systems and processing plants 58,715,971 Mcf. of natural gas. The transport systems accounted for 4,473,601 Mcf. from fields and 40,752,094 Mcf. from processing plants, while the distribution systems received 7,467,238 Mcf. and 6,023,038 Mcf. respectively; natural gas received from storage was 2,264 Mcf. The total supply of gas utilities totalled 59,587,394 Mcf. and was 1.4 per cent higher than in August 1962. Of the total supply, 24,837,973 Mcf. were sold to ultimate customers in Canada, an increase of 7.5 per cent, while exports amounted to 26,295,124 Mcf., a decrease of 7.7 per cent over last year. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and deliveries to storage. Transport systems delivered 16,936,705 Mcf. to distribution systems, an increase of 15.4 per cent over the previous year. For the twelve-month period ended August 1963 exports totalled 376,053,247 Mcf., while net deliveries amounted to 820,776,657 Mcf.

The transport systems which represent virtually all of the major "intercity" movements of natural gas had traffic amounting to 45.1 billion commodity (Mcf.) miles during August 1963 compared with 40.0 billion for the same month last year. Ton-miles totalled 1,028 million for August 1963. The daily average deliveries of gas utilities amounted to 1.8 million Mcf.

Alberta natural gas utility receipts totalled 49.9 billion cubic feet; of this 18.6 per cent was sold to ultimate customers in Alberta, 14.3 per cent in Ontario, 4.3 per cent in Quebec, 1.4 per cent in Saskatchewan, 1.3 per cent in British Columbia and 1.0 per cent in Manitoba. In Table 3 deliveries of natural gas are considered as terminating and receipts from storage as originating in the province where the storage is located.

Revenue for the natural gas utilities for the month was \$20,904,435 and for manufactured and liquefied petroleum gases systems \$170,669, giving a combined Gas Utilities total of \$21,075,104.

This report has revisions in concept to bring it into line with the practice of industry, as well as several revisions by respondents to adopt the new concepts. All gas volumes are now given in cubic feet measured at 14.73 p.s.i.a. and 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports in cubic feet containing 1,000 B.T.U.'s at 14.73 p.s.i.a. and 60°F are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", catalogue number 45-005. As a result of these changes it has been necessary to revise certain of the 1962 figures, particularly exports, to enable more meaningful comparisons. Unfortunately, there is no precise comparison of residential, commercial and industrial sales although the reported sales volumes are believed to be within 1 to 2 per cent of what volumes would have been under the revised concepts.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include a cyclical billing adjustment.

Industry Division

December 1963
506-503

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

August 1963

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	7,133	-	664,512
2b	Processing plants	-	-	-
3	Total (1 + 2)	7,133	-	664,512
4	Imports	-	-	857,852
5	Other receipts	-	-	-
6	Total net receipts (3 + 4 + 5)	7,133	-	1,522,364
7	Received from storage	-	-	2,264
9	Total supply of gas utilities (6 + 7)	7,133	-	1,524,628
	Transfers from:			
11	Other provinces	-	2,251,096	15,443,904
12	Distribution to transport (primary)	-	-	3,098,995
13	Other gas utilities	-	2,251,096	16,270,913
19	Total gross receipts (9 + 11 + 12 + 13) ...	7,133	4,502,192	36,338,440
	<u>Disposition</u>			
	Sales:			
20	Residential	3,352	215,990	1,226,932
21	Industrial	-	1,844,924	6,542,114
22	Commercial	1,450	88,028	683,232
30	Total sales (20 + 21 + 22)	4,802	2,148,942	8,452,278
31	Exports	-	-	125,869
32	Other deliveries	-	-	-
33	Total net deliveries (30 + 31 + 32)	4,802	2,148,942	8,578,147
34	Delivered to storage	-	-	5,033,764
35	Line pack fluctuation	-	- 750	90,948
36	Gas used in system	-	23,432	561,608
37	Line losses and unaccounted for	2,331	79,472	452,969
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	7,133	2,251,096	14,717,436
	Transfers to:			
40	Other provinces	-	-	2,251,096
41	Distribution by transport (primary)	-	2,251,096	11,077,014
42	Other gas utilities	-	-	8,292,894
49	Total disposition (39 + 40 + 41 + 42)	7,133	4,502,192	36,338,440

F Revised figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

August 1963

Manitoba ^r	Saskatchewan	Alberta ^r	British Columbia	Canada	August ^r 1962	No.
					Canada	
Mcf.						
-	-	4,038,573	435,028	4,473,601	)	1a
-	-	34,940,549	5,811,545	40,752,094	)	1b
-	394,411	6,396,259	4,923	7,467,238	)	2a
-	1,478,437	4,533,660	10,941	6,023,038	)	2b
-	1,872,848	49,909,041	6,262,437	58,715,971		3
-	-	1,461	-	859,313		4
31	-	9,815	-	9,846		5
31	1,872,848	49,920,317	6,262,437	59,585,130		6
-	-	-	-	2,264		7
31	1,872,848	49,920,317	6,262,437	59,587,394		9
21,273,026	22,268,601	-	15,593,956	...		11
-	529,962	1,135,782	-	4,764,739	)	12
751,976	956,391	3,035,042	1,845,759	25,111,177	)	13
22,025,033	25,627,802	54,091,141	23,702,152	89,463,310		19
119,783	233,674	898,877	336,748	3,035,356		20
564,562	2,004,501	7,671,092	1,305,425	19,932,618		21
95,045	116,908	737,198	148,138	1,869,999		22
779,390	2,355,083	9,307,167	1,790,311	24,837,973		30
4,773,300	-	1,739,286	19,656,669	26,295,124		31
-	-	55,297	-	55,297		32
5,552,690	2,355,083	11,101,750	21,446,980	51,188,394		33
-	-	282,959	-	5,316,723		34
21,698	19,591	35,613	64,202	231,302		35
246,024	514,537	46,087	140,225	1,531,913		36
8,741	- 20,788	591,351	204,986	1,319,062		37
5,829,153	2,868,423	12,057,760	21,856,393	59,587,394		39
15,443,904	21,273,026	37,862,557	-	...		40
751,976	956,391	74,123	1,826,105	16,936,705		41
-	529,962	4,096,701	19,654	12,939,211		42
22,025,033	25,627,802	54,091,141	23,702,152	89,463,310		49

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1963

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	6,490,502	5,665,269	5,185,435	4,817,434	3,969,236
1b	Processing plants	53,448,663	45,922,308	50,341,692	45,448,449	44,410,120
2	By distribution systems:					
2a	Fields	20,099,614	15,790,009	14,239,942	11,394,674	9,779,643
2b	Processing plants	6,544,092	6,772,147	7,614,165	6,155,868	6,333,738
3	Total (1 + 2)	86,582,871	74,149,733	77,381,234	67,816,425	64,492,737
4	Imports	213,784	166,149	987,966	1,124,916	875,595
5	Other receipts	82,482	40,522	1,002	441	17,726
6	Total net receipts (3 + 4 + 5)	86,879,137	74,356,404	78,370,202	68,941,782	65,386,058
7	Received from storage	8,536,394	5,486,862	2,646,935	773,968	152,844
9	Total supply of gas utilities (6 + 7)	95,415,531	79,843,266	81,017,137	69,715,750	65,538,902
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary)	4,275,301	4,737,209	3,624,455	2,988,816	3,874,610
13	Other gas utilities	43,342,270	38,021,384	35,730,383	30,669,258	28,038,503
19	Total gross receipts (9 + 11 + 12 + 13) ...	143,033,102	122,601,859	120,371,975	103,373,824	97,452,015
	<u>Disposition</u>					
	Sales:					
20	Residential	24,487,687	24,217,941	19,618,195	13,908,773	9,552,827
21	Industrial	18,626,804	17,246,726	19,446,709	19,890,248	20,520,937
22	Commercial	10,897,541	10,826,176	8,844,584	6,530,644	4,534,231
30	Total sales (20 + 21 + 22)	54,012,032	52,290,843	47,909,488	40,329,665	34,607,995
31	Exports	34,608,544	29,721,885	32,520,099	29,464,060	28,532,280
32	Other deliveries	88,879	65,370	68,550	59,194	56,316
33	Total net deliveries (30 + 31 + 32)	88,709,455	82,078,098	80,498,137	69,852,919	63,196,591
34	Delivered to storage	607,009	363,974	680,971	1,548,765	3,327,458
35	Line pack fluctuation	168,468	- 110,881	254,266	- 188,432	- 72,489
36	Gas used in system	2,125,732	1,883,954	1,922,048	1,572,385	1,508,466
37	Line losses and unaccounted for	3,804,867	- 4,371,879	- 2,338,285	- 3,069,887	- 2,421,124
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	95,415,531	79,843,266	81,017,137	69,715,750	65,538,902
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary)	34,377,018	29,710,223	27,422,291	22,906,425	21,685,393
42	Other gas utilities	13,240,553	13,048,370	11,932,547	10,751,649	10,227,720
49	Total disposition (39 + 40 + 41 + 42)	143,033,102	122,601,859	120,371,975	103,373,824	97,452,015

* Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1963

June	July	August	September	October	November	December	Year to date		No.
							1963 ^r	1962 ^r	
Mcf.									
3,545,883 40,807,081	3,917,797 41,167,577	4,473,601 40,752,094					38,065,157 362,297,984	367,374,403	1a 1b
7,666,185 6,227,544	6,927,079 5,813,608	7,467,238 6,023,038					93,364,384 51,484,200	138,482,339	2a 2b
58,246,693	57,826,061	58,715,971					545,211,725	505,856,742	3
828,262 4,042	867,400 10,081	859,313 9,846					5,923,385 166,142	4,487,846 36,846	4 5
59,078,997	58,703,542	59,585,130					551,301,252	510,381,434	6
39,489	-	2,264					17,638,756	14,764,218	7
59,118,486	58,703,542	59,587,394					568,940,008	525,145,652	9
4,400,065 24,171,023	5,105,874 24,539,783	4,764,739 25,111,177					33,771,069 249,623,781	240,883,373	11 12 13
87,689,574	88,349,199	89,463,310					852,334,858	766,029,025	19
5,602,252 19,736,318 2,786,605	3,477,050 19,157,302 1,886,996	3,035,356 19,932,618 1,869,999					103,900,081 154,557,662 48,176,776	97,307,787 140,396,196 45,093,429	20 21 22
28,125,175	24,521,348	24,837,973					306,634,519	282,797,412	30
26,118,308 52,586	26,871,216 50,623	26,295,124 55,297					234,131,516 496,815	219,419,958 413,539	31 32
54,296,069	51,443,187	51,188,394					541,262,850	502,630,909	33
5,491,294 - 159,822 1,475,841 - 1,984,896	6,290,164 - 266,566 1,521,333 - 284,576	5,316,723 231,302 1,531,913 1,319,062					23,626,358 - 144,154 13,541,672 - 9,346,718	21,955,302 - 238,475 11,029,052 - 10,378,947	34 35 36 37
59,118,486	58,703,542	59,587,394					568,940,008	524,997,841	39
16,947,007 11,624,081	16,385,216 13,260,441	16,936,705 12,939,211					186,370,278 97,024,572	152,721,849 88,309,335	40 41 42
87,689,574	88,349,199	89,463,310					852,334,858	766,029,025	49

TABLE 3. Receipts and Disposition of Natural Gas by Source

August 1963

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	4,038,573	435,028	...	4,473,601
1b	Processing plants	-	-	-	34,940,549	5,811,545	...	40,752,094
2	By distribution systems:							
2a	Fields	7,133	664,512	394,411	6,396,259	4,923	...	7,467,238
2b	Processing plants	-	-	1,478,437	4,533,660	10,941	...	6,023,038
3	Total (1 + 2)	7,133	664,512	1,872,848	49,909,041	6,262,437	...	58,715,971
4	Imports .....	...	...	...	...	...	859,313	859,313
5	Other receipts	-	-	-	9,846	-	...	9,846
6	Total net receipts (3 + 4 + 5)	7,133	664,512	1,872,848	49,918,887	6,262,437	859,313	59,585,130
7	Received from storage	-	2,264	-	-	-	...	2,264
9	Total supply of gas utilities (6 + 7)	7,133	666,776	1,872,848	49,918,887	6,262,437	859,313	59,587,394
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	641,211	1,149,100	-	1,790,311
24	Alberta	-	-	-	9,305,706	-	1,461	9,307,167
25	Saskatchewan	-	-	1,639,167	715,916	-	-	2,355,083
26	Manitoba	-	-	289,487	489,903	-	-	779,390
27	Ontario	-	434,141	-	7,160,285	-	857,852	8,452,278
28	Quebec	-	-	-	2,148,942	-	-	2,148,942
29	New Brunswick	4,802	-	-	-	-	-	4,802
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	4,802	434,141	1,928,654	20,461,963	1,149,100	859,313	24,837,970
31	Exports	-	-	-	21,445,287	4,849,837	...	26,295,124
32	Other deliveries	-	-	-	55,297	-	...	55,297
33	Total net deliveries (30 + 31 + 32)	4,802	434,141	1,928,654	41,962,547	5,998,937	859,313	51,188,394
34	Delivered to storage	-	-	-	5,316,723	-	-	5,316,723
35	Line pack fluctuation	-	-	9,340	164,349	76,293	-	231,302
36	Gas used in system	-	59,983	22,488	1,378,300	71,142	-	1,531,913
37	Line losses and unaccounted for	2,331	172,652	68,954	1,096,968	116,065	-	1,319,066
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	7,133	666,776	1,872,848	49,918,887	6,262,437	859,313	59,587,394

TABLE 4. Operating Statistics: Natural Gas Utilities

August 1963

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
August 1963:			
Daily average	1,394,575	801,224	1,822,745
Maximum(1)	1,666,130	...	...
Minimum(1)	1,130,725	...	...
Exports maximum(1)	949,276	...	949,276
August 1962: ^r			
Daily average	1,392,716	745,198	1,806,082
Maximum(1)	1,734,794	...	...
Minimum(1)	1,196,955	...	...
Year to date 1963:			
Daily average	1,730,460	1,261,870	2,324,646
Maximum(1)	2,627,885	...	...
Minimum(1)	1,130,725	...	...
Commodity miles:			
Mcf. miles (thousands)	45,102,053	..	..
Ton-miles (millions)	1,028	..	..
Line pack:			
Beginning of month (Mcf.)	5,926,617	..	..
End of month (Mcf.)	6,166,508	..	..
Operating revenues	(\$)15,191,019	(\$)12,796,692	(\$)20,904,435 (2)

(1) Non-coincident.

(2) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

^r Revised figures.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

August 1963

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	101,622	101,308
Deliveries to ultimate customers	119,514	79,438
Line pack fluctuations	5,298	27
Gas used in system	- 18,937	782
Metering difference, line losses, cyclical billing adjustments and unaccounted for	- 4,253	21,061
Total disposition	101,622	101,308
Daily average sendout	3,855	2,563
Revenues	(\$)69,497	(\$)101,172

TABLE 6. Exports and Imports to and from the United States

August 1963

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	125,869	-
Ojibway, Ontario	-	857,852
Emerson, Manitoba	4,773,300	-
Coutts, Alberta	347	1,461
Aden, Alberta	775,220	-
Carway, Alberta	963,719	-
Kingsgate, British Columbia	12,454,754	-
Huntingdon, British Columbia	7,201,915	-
Canada	26,295,124	859,313

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GAS UTILITIES

(Transport and Distribution Systems)

SEPTEMBER 1963

In September 1963 field gathering systems and processing plants delivered to gas utilities 61,543,115 Mcf. of natural gas. The transport systems accounted for 4,720,859 Mcf. from fields and 2,215,524 Mcf. from processing plants, while the distribution systems received 8,209,324 Mcf. and 3,397,408 Mcf. respectively; natural gas received from storage was 7,112 Mcf. The total supply of gas utilities totalled 62,369,423 Mcf. and was 1.3 per cent higher than in September 1962. Of the total supply, 26,377,900 Mcf. were sold to ultimate customers in Canada, an increase of 2.7 per cent, while exports totalled 27,125,032 Mcf., a decrease of 6.7 per cent from last year. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and deliveries to storage. Transport systems delivered 18,332,801 Mcf. to distribution systems, an increase of 13.8 per cent over the previous year. For the twelve-month period ended September 1963 exports totalled 374,113,941 Mcf., while net deliveries amounted to 819,567,171 Mcf.

The transport systems which represent virtually all of the major "intercity" movements of natural gas had traffic amounting to 46.4 billion commodity (Mcf.) miles during September 1963 compared with 40.5 billion for 1962. Ton-miles totalled 1,058 million for September 1963. The daily average deliveries of gas utilities amounted to 1.9 million Mcf.

Alberta natural gas utility receipts totalled 50.7 billion cubic feet; of this 18.7 per cent was sold to ultimate customers in Alberta, 16.0 per cent in Ontario, 4.4 per cent in Quebec, 1.9 per cent in Saskatchewan, 1.2 per cent in Manitoba and 1.1 per cent in British Columbia. In Table 3 deliveries of natural gas are considered as terminating and receipts from storage as originating in the province where the storage is located.

Revenue for the natural gas utilities for the month was \$23,107,136 and for manufactured and liquefied petroleum gases systems \$149,743, giving a combined Gas Utilities total of \$23,256,879.

This report has revisions in concept to bring it into line with the practice of industry, as well as several revisions by respondents to adopt the new concepts. All gas volumes are now given in cubic feet measured at 14.73 p.s.i.a. and 60°F; that is, without adjustments to a common B.T.U. base. As sales and exports in cubic feet containing 1,000 B.T.U.'s at 14.73 p.s.i.a. and 60°F are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", catalogue number 45-005. As a result of these changes it has been necessary to revise certain of the 1962 figures, particularly exports, to enable more meaningful comparisons. Unfortunately, there is no precise comparison of residential, commercial and industrial sales although the reported sales volumes are believed to be within 1 to 2 per cent of what volumes would have been under the revised concepts.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include a cyclical billing adjustment.

Industry Division

December 1963
506-503

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

September 1963

No.		New Brunswick	Quebec ^F	Ontario
		Mcf.		
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	7,435	-	946,837
2b	Processing plants	-	-	-
3	Total (1 + 2)	7,435	-	946,837
4	Imports	-	-	807,181
5	Other receipts	-	-	-
6	Total net receipts (3 + 4 + 5)	7,435	-	1,754,018
7	Received from storage	-	-	-
9	Total supply of gas utilities (6 + 7)	7,435	-	1,754,018
	Transfers from:			
11	Other provinces	-	2,305,234	16,050,943
12	Distribution to transport (primary)	-	-	2,037,161
13	Other gas utilities	-	2,305,234	17,535,775
19	Total gross receipts (9 + 11 + 12 + 13) ...	7,435	4,610,468	37,377,897
	<u>Disposition</u>			
	Sales:			
20	Residential	3,777	330,629	1,517,292
21	Industrial	-	1,794,919	6,937,893
22	Commercial	1,500	109,212	1,269,921
30	Total sales (20 + 21 + 22)	5,277	2,234,760	9,725,106
31	Exports	-	-	140,456
32	Other deliveries	-	-	6
33	Total net deliveries (30 + 31 + 32)	5,277	2,234,760	9,865,568
34	Delivered to storage	-	-	3,778,566
35	Line pack fluctuation	-	- 2,763	107,839
36	Gas used in system	-	-	582,145
37	Line losses and unaccounted for	2,158	73,237	1,165,609
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	7,435	2,305,234	15,499,727
	Transfers to:			
40	Other provinces	-	-	2,305,234
41	Distribution by transport (primary)	-	2,305,234	11,798,192
42	Other gas utilities	-	-	7,774,744
49	Total disposition (39 + 40 + 41 + 42)	7,435	4,610,468	37,377,897

^F Revised figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

September 1963

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	September [†] 1962	No.
					Canada	
Mcf.						
-	-	4,373,715	347,144	4,720,859	45,057,881	1a
-	-	34,814,915	7,400,609	42,215,524		1b
-	423,824	6,826,285	4,943	8,209,324	15,331,696	2a
-	1,711,896	4,668,604	16,908	6,397,408		2b
-	2,135,720	50,683,519	7,769,604	61,543,115	60,389,577	3
-	-	2,300	-	809,481	862,403	4
75	-	9,640	-	9,715	-	5
75	2,135,720	50,695,459	7,769,604	62,362,311	61,251,980	6
-	4,614	2,498	-	7,112	299,578	7
75	2,140,334	50,697,957	7,769,604	62,369,423	61,551,558	9
22,102,247	23,333,067	-	15,065,463	...	...	11
-	551,109	1,266,998	-	3,855,268	25,927,711	12
1,061,766	1,156,225	2,814,889	1,952,683	26,826,572		13
23,164,088	27,180,735	54,779,844	24,787,750	93,051,263	87,479,269	19
197,426	270,207	1,078,043	387,624	3,784,998	4,209,337	20
614,635	1,736,930	7,483,418	1,310,492	19,878,287	18,684,736	21
147,950	111,633	910,208	164,191	2,714,615	2,796,375	22
960,011	2,118,770	9,471,669	1,862,307	26,377,900	25,690,448	30
4,651,912	-	1,807,282	20,525,382	27,125,032	29,064,338	31
-	-	61,057	-	61,063	18,695	32
5,611,923	2,118,770	11,340,008	22,387,689	53,563,995	54,773,481	33
-	373,557	218,236	-	4,370,359	2,494,828	34
23,961	64,915	- 69,373	101,950	226,529	100,957	35
263,302	552,761	37,577	156,070	1,591,855	1,243,689	36
152,193	261,151	772,979	189,358	2,616,685	2,912,964	37
6,051,379	3,371,154	12,299,427	22,835,067	62,369,423	61,525,919	39
16,050,943	22,102,247	38,398,530	-	...	...	40
1,061,766	1,156,225	91,764	1,919,620	18,332,801	16,113,116	41
-	551,109	3,990,123	33,063	12,349,039	9,840,234	42
23,164,088	27,180,735	54,779,844	24,787,750	93,051,263	87,479,269	49

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1963

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	6,490,502	5,665,269	5,185,435	4,817,434	3,969,236
1b	Processing plants	53,448,663	45,922,308	50,341,692	45,448,449	44,410,120
2	By distribution systems:					
2a	Fields	20,099,614	15,790,009	14,239,942	11,394,674	9,779,643
2b	Processing plants	6,544,092	6,772,147	7,614,165	6,155,868	6,333,738
3	Total (1 + 2)	86,582,871	74,149,733	77,381,234	67,816,425	64,492,737
4	Imports	213,784	166,149	987,966	1,124,916	875,595
5	Other receipts	82,482	40,522	1,002	441	17,726
6	Total net receipts (3 + 4 + 5)	86,879,137	74,356,404	78,370,202	68,941,782	65,386,058
7	Received from storage	8,536,394	5,486,862	2,646,935	773,968	152,844
9	Total supply of gas utilities (6 + 7)	95,415,531	79,843,266	81,017,137	69,715,750	65,538,902
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary)	4,275,301	4,737,209	3,624,455	2,988,816	3,874,610
13	Other gas utilities	43,342,270	38,021,384	35,730,383	30,669,258	28,038,503
19	Total gross receipts (9 + 11 + 12 + 13) ...	143,033,102	122,601,859	120,371,975	103,373,824	97,452,015
	<u>Disposition</u>					
	Sales:					
20	Residential	24,487,687	24,217,941	19,618,195	13,908,773	9,552,827
21	Industrial	18,626,804	17,246,726	19,446,709	19,890,248	20,520,937
22	Commercial	10,897,541	10,826,176	8,844,584	6,530,644	4,534,231
30	Total sales (20 + 21 + 22)	54,012,032	52,290,843	47,909,488	40,329,665	34,607,995
31	Exports	34,608,544	29,721,885	32,520,099	29,464,060	28,532,280
32	Other deliveries	88,879	65,370	68,550	59,194	56,316
33	Total net deliveries (30 + 31 + 32)	88,709,455	82,078,098	80,498,137	69,852,919	63,196,591
34	Delivered to storage	607,009	363,974	680,971	1,548,765	3,327,458
35	Line pack fluctuation	168,468	- 110,881	254,266	- 188,432	- 72,489
36	Gas used in system	2,125,732	1,883,954	1,922,048	1,572,385	1,508,466
37	Line losses and unaccounted for	3,804,867	- 4,371,879	- 2,338,285	- 3,069,887	- 2,421,124
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	95,415,531	79,843,266	81,017,137	69,715,750	65,538,902
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary)	34,377,018	29,710,223	27,422,291	22,906,425	21,685,393
42	Other gas utilities	13,240,553	13,048,370	11,932,547	10,751,649	10,227,720
49	Total disposition (39 + 40 + 41 + 42)	143,033,102	122,601,859	120,371,975	103,373,824	97,452,015

* Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1963

June	July	August	September	October	November	December	Year to date		No.
							1963 ^r	1962 ^r	
Mcf.									
3,545,883 40,807,081	3,917,797 41,167,577	4,473,601 40,752,094	4,720,859 42,215,524				42,786,016 404,513,508	412,432,284	1a 1b
7,666,185 6,227,544	6,927,079 5,813,608	7,467,238 6,023,038	8,209,324 6,397,408				101,573,708 57,881,608	153,814,035	2a 2b
58,246,693	57,826,061	58,715,971	61,543,115				606,754,840	566,246,319	3
828,262 4,042	867,400 10,081	859,313 9,846	809,481 9,715				6,732,866 175,857	5,350,249 36,846	4 5
59,078,997	58,703,542	59,585,130	62,362,311				613,663,563	571,633,414	6
39,489	-	2,264	7,112				17,645,868	15,063,796	7
59,118,486	58,703,542	59,587,394	62,369,423				631,309,431	586,697,210	9
4,400,065 24,171,023	5,105,874 24,539,783	4,764,739 25,111,177	3,855,268 26,826,572				37,626,337 276,450,353	266,811,084	11 12 13
87,689,574	88,349,199	89,463,310	93,051,263				945,386,121	853,508,294	19
5,602,252 19,736,318 2,786,605	3,477,050 19,157,302 1,886,996	3,035,356 19,932,618 1,869,999	3,784,998 19,878,287 2,714,615				107,685,079 174,435,949 50,891,391	101,517,124 159,080,932 47,889,804	20 21 22
28,125,175	24,521,348	24,837,973	26,377,900				333,012,419	308,487,860	30
26,118,308 52,586	26,871,216 50,623	26,295,124 55,297	27,125,032 61,063				261,256,548 557,878	248,484,296 432,234	31 32
54,296,069	51,443,187	51,188,394	53,563,995				594,826,845	557,404,390	33
5,491,294 - 159,822 1,475,841 - 1,984,896	6,290,164 - 266,566 1,521,333 - 284,576	5,316,723 231,302 1,531,913 1,319,062	4,370,359 226,529 1,591,855 2,616,685				27,996,717 82,375 15,133,527 - 6,730,033	24,450,130 - 137,518 12,272,741 - 7,465,983	34 35 36 37
59,118,486	58,703,542	59,587,394	62,369,423				631,309,431	586,523,760	39
16,947,007 11,624,081	16,385,216 13,260,441	16,936,705 12,939,211	18,332,801 12,349,039				204,703,079 109,373,611	168,834,965 98,149,569	40 41 42
87,689,574	88,349,199	89,463,310	93,051,263				945,386,121	853,508,294	49

TABLE 3. Receipts and Disposition of Natural Gas by Source

September 1963

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	4,373,715	347,144	...	4,720,859
1b	Processing plants	-	-	-	34,814,915	7,400,609	...	42,215,524
2	By distribution systems:							
2a	Fields	7,435	946,837	423,824	6,826,285	4,943	...	8,209,324
2b	Processing plants	-	-	1,711,896	4,668,604	16,908	...	6,397,408
3	Total (1 + 2)	7,435	946,837	2,135,720	50,683,519	7,769,604	...	61,543,115
4	Imports .....	...	...	...	...	...	809,481	809,481
5	Other receipts	-	-	-	9,715	-	...	9,715
6	Total net receipts (3 + 4 + 5)	7,435	946,837	2,135,720	50,693,234	7,769,604	809,481	62,362,311
7	Received from storage	-	-	4,614	2,498	-	...	7,112
9	Total supply of gas utilities (6 + 7)	7,435	946,837	2,140,334	50,695,732	7,769,604	809,481	62,369,423
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	545,280	1,317,027	-	1,862,307
24	Alberta	-	-	-	9,469,369	-	2,300	9,471,669
25	Saskatchewan	-	-	1,156,503	962,267	-	-	2,118,770
26	Manitoba	-	-	357,151	602,860	-	-	960,011
27	Ontario	-	811,803	-	8,106,122	-	807,181	9,725,106
28	Quebec	-	-	-	2,234,760	-	-	2,234,760
29	New Brunswick	5,277	-	-	-	-	-	5,277
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	5,277	811,803	1,513,654	21,920,658	1,317,027	809,481	26,377,900
31	Exports	-	-	-	20,979,084	6,145,948	...	27,125,032
32	Other deliveries	-	-	-	61,063	-	...	61,063
33	Total net deliveries (30 + 31 + 32)	5,277	811,803	1,513,654	42,960,805	7,462,975	809,481	53,563,995
34	Delivered to storage	-	-	373,557	3,996,802	-	-	4,370,359
35	Line pack fluctuation	-	-	32,967	102,735	90,827	-	226,529
36	Gas used in system	-	43,085	26,156	1,432,794	89,820	-	1,591,855
37	Line losses and unaccounted for	2,158	91,949	194,000	2,202,596	125,982	-	2,616,685
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	7,435	946,837	2,140,334	50,695,732	7,769,604	809,481	62,369,423

TABLE 4. Operating Statistics: Natural Gas Utilities

September 1963

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
September 1963:			
Daily average	1,515,261	879,263	1,931,145
Maximum(1)	1,819,835	...	...
Minimum(1)	1,329,799	...	...
Exports maximum(1)	987,532	...	987,532
September 1962 ^r :			
Daily average	1,505,915	856,348	1,908,944
Maximum(1)	1,921,493	...	...
Minimum(1)	1,274,410	...	...
Year to date 1963:			
Daily average	1,706,812	1,219,826	2,281,405
Maximum(1)	2,627,885	...	...
Minimum(1)	1,130,725	...	...
Commodity miles:			
Mcf. miles (thousands)	46,418,378	..	..
Ton-miles (millions)	1,058	..	..
Line pack:			
Beginning of month (Mcf.)	6,166,508	..	..
End of month (Mcf.)	6,356,978	..	..
Operating revenues	(\$16,050,435	(\$14,600,436	(\$23,107,136(2)

(1) Non-coincident.

(2) Interindustry revenues eliminated.

.. Figures not available.

.. Figures not appropriate or not applicable.

^r Revised figures.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

September 1963

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	45,653	106,231
Deliveries to ultimate customers	46,205	88,038
Line pack fluctuations	-	- 221
Gas used in system	221	782
Metering difference, line losses, cyclical billing adjustments and unaccounted for	- 773	17,632
Total disposition	45,653	106,231
Daily average sendout	1,540	2,935
Revenues	(\$42,352	(\$107,391

TABLE 6. Exports and Imports to and from the United States

September 1963

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	140,456	-
Ojibway, Ontario	-	807,181
Emerson, Manitoba	4,651,912	-
Coutts, Alberta	129	2,300
Aden, Alberta	906,187	-
Carway, Alberta	900,966	-
Kingsgate, British Columbia	12,286,322	-
Huntingdon, British Columbia	8,239,060	-
Canada	27,125,032	809,481

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GAS UTILITIES

(Transport and Distribution Systems)

OCTOBER 1963

Gas utilities for October 1963 received from field gathering systems and processing plants 68,650,384 Mcf. of natural gas. The transport systems accounted for 5,022,913 Mcf. from fields and 45,840,931 Mcf. from processing plants, while the distribution systems received 10,647,755 Mcf. and 7,138,785 Mcf. respectively; natural gas received from storage was 294,597 Mcf. The total supply of gas utilities totalled 69,022,368 Mcf., a decrease of less than one per cent from October 1962. Of the total supply, 31,192,722 Mcf. were sold to ultimate customers in Canada, an increase of 3.8 per cent, while exports amounted to 29,289,379 Mcf., a decrease of 7.6 per cent from last year. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and deliveries to storage. Transport systems delivered 20,682,808 Mcf. to distribution systems, an increase of 13.2 per cent over the previous year. For the twelve-month period ended October 1963 exports totalled 371,697,004 Mcf., while net deliveries amounted to 818,334,131 Mcf.

The transport systems which represent virtually all of the major "intercity" movements of natural gas had traffic amounting to 48.5 billion commodity (Mcf.) miles during October 1963 compared with 43.5 billion for 1962. Ton-miles totalled 1,105 million for October 1963. The daily average deliveries of gas utilities amounted to 2.1 million Mcf.

Alberta natural gas utility receipts totalled 55.9 billion cubic feet; of this 21.0 per cent was sold to ultimate customers in Alberta, 17.1 per cent in Ontario, 3.8 per cent in Quebec, 2.5 per cent in Saskatchewan, 1.3 per cent in British Columbia and 1.2 per cent in Manitoba. In Table 3 deliveries of natural gas are considered as terminating and receipts from storage as originating in the province where the storage is located.

Revenue for the natural gas utilities for the month was \$26,454,591 and for manufactured and liquefied petroleum gases systems \$172,804, giving a combined Gas Utilities total of \$26,627,395.

This report has revisions in concept to bring it into line with the practice of industry as well as several revisions by respondents to adopt the new concepts. All gas volumes are now given in cubic feet measured at 14.73 p.s.i.a. and 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports in cubic feet containing 1,000 B.T.U.'s at 14.73 p.s.i.a. and 60°F are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005. As a result of these changes it has been necessary to revise certain of the 1962 figures, particularly exports, to enable more meaningful comparisons. Unfortunately, there is no precise comparison of residential, commercial and industrial sales although the reported sales volumes are believed to be within 1 to 2 per cent of what volumes would have been under the revised concepts.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include a cyclical billing adjustment.

Industry Division

January 1964
8506-503

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

October 1963

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	7,644	-	1,285,900
2b	Processing plants	-	-	-
3	Total (1 + 2)	7,644	-	1,285,900
4	Imports	-	-	63,470
5	Other receipts	-	-	-
6	Total net receipts (3 + 4 + 5)	7,644	-	1,349,370
7	Received from storage	-	-	161,836
9	Total supply of gas utilities (6 + 7)	7,644	-	1,511,206
	Transfers from:			
11	Other provinces	-	2,233,100	16,060,293
12	Distribution to transport (primary)	-	-	2,050,355
13	Other gas utilities	-	2,233,100	18,193,911
19	Total gross receipts (9 + 11 + 12 + 13) ...	7,644	4,466,200	37,815,765
	<u>Disposition</u>			
	Sales:			
20	Residential	4,370	386,956	2,293,227
21	Industrial	-	1,618,323	7,560,817
22	Commercial	1,450	140,896	1,090,934
30	Total sales (20 + 21 + 22)	5,820	2,146,175	10,944,978
31	Exports	-	-	149,648
32	Other deliveries	-	-	41
33	Total net deliveries (30 + 31 + 32)	5,820	2,146,175	11,094,667
34	Delivered to storage	-	-	2,950,392
35	Line pack fluctuation	-	829	- 80,145
36	Gas used in system	-	1,343	586,579
37	Line losses and unaccounted for	1,824	84,753	786,906
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	7,644	2,233,100	15,338,399
	Transfers to:			
40	Other provinces	-	-	2,233,100
41	Distribution by transport (primary)	-	2,233,100	12,367,233
42	Other gas utilities	-	-	7,877,033
49	Total disposition (39 + 40 + 41 + 42)	7,644	4,466,200	37,815,765

F Revised figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

October 1963

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	October ^r 1962	No.
					Canada	
Mcf.						
-	-	4,745,781	277,132	5,022,913	)	1a
-	-	36,841,192	8,999,739	45,840,931	)	1b
-	466,812	8,881,903	5,496	10,647,755	)	2a
-	1,755,134	5,345,359	38,292	7,138,785	)	2b
-	2,221,946	55,814,235	9,320,659	68,650,384		3
-	-	4,555	-	68,025		4
120	-	9,242	-	9,362		5
120	2,221,946	55,828,032	9,320,659	68,727,771		6
-	16,918	115,843	-	294,597		7
120	2,238,864	55,943,875	9,320,659	69,022,368		9
22,399,646	23,922,294	-	16,325,552	...		11
-	602,244	1,487,795	-	4,140,394	)	12
1,253,975	1,564,323	3,043,107	3,158,001	29,446,417	)	13
23,653,741	28,327,725	60,474,777	28,804,212	102,609,179		19
302,377	463,718	1,737,377	841,496	6,029,521		20
572,473	1,670,601	8,497,516	1,762,375	21,682,105		21
238,868	208,882	1,511,499	288,567	3,481,096		22
1,113,718	2,343,201	11,746,392	2,892,438	31,192,722		30
4,800,196	-	2,088,300	22,251,235	29,289,379		31
-	-	79,156	-	79,197		32
5,913,914	2,343,201	13,913,848	25,143,673	60,561,298		33
-	305,845	30,178	-	3,286,415		34
- 15,602	- 15,616	24,539	- 16,528	- 102,523		35
270,489	575,407	45,301	224,425	1,703,544		36
170,672	552,675	1,682,163	294,641	3,573,634		37
6,339,473	3,761,512	15,696,029	25,646,211	69,022,368		39
16,060,293	22,399,646	40,247,846	-	...		40
1,253,975	1,564,323	167,493	3,096,684	20,682,808		41
-	602,244	4,363,409	61,317	12,904,003		42
23,653,741	28,327,725	60,474,777	28,804,212	102,609,179		49

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1963

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	6,490,502	5,665,269	5,185,435	4,817,434	3,969,236
1b	Processing plants	53,448,663	45,922,308	50,341,692	45,448,449	44,410,120
2	By distribution systems:					
2a	Fields	20,099,614	15,790,009	14,239,942	11,394,674	9,779,643
2b	Processing plants	6,544,092	6,772,147	7,614,165	6,155,868	6,333,738
3	Total (1 + 2)	86,582,871	74,149,733	77,381,234	67,816,425	64,492,737
4	Imports	213,784	166,149	987,966	1,124,916	875,595
5	Other receipts	82,482	40,522	1,002	441	17,726
6	Total net receipts (3 + 4 + 5)	86,879,137	74,356,404	78,370,202	68,941,782	65,386,058
7	Received from storage	8,536,394	5,486,862	2,646,935	773,968	152,844
9	Total supply of gas utilities (6 + 7)	95,415,531	79,843,266	81,017,137	69,715,750	65,538,902
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary)	4,275,301	4,737,209	3,624,455	2,988,816	3,874,610
13	Other gas utilities	43,342,270	38,021,384	35,730,383	30,669,258	28,038,503
19	Total gross receipts (9 + 11 + 12 + 13) ...	143,033,102	122,601,859	120,371,975	103,373,824	97,452,015
	<u>Disposition</u>					
	Sales:					
20	Residential	24,487,687	24,217,941	19,618,195	13,908,773	9,552,827
21	Industrial	18,626,804	17,246,726	19,446,709	19,890,248	20,520,937
22	Commercial	10,897,541	10,826,176	8,844,584	6,530,644	4,534,231
30	Total sales (20 + 21 + 22)	54,012,032	52,290,843	47,909,488	40,329,665	34,607,995
31	Exports	34,608,544	29,721,885	32,520,099	29,464,060	28,532,280
32	Other deliveries	88,879	65,370	68,550	59,194	56,316
33	Total net deliveries (30 + 31 + 32)	88,709,455	82,078,098	80,498,137	69,852,919	63,196,591
34	Delivered to storage	607,009	363,974	680,971	1,548,765	3,327,458
35	Line pack fluctuation	168,468	- 110,881	254,266	- 188,432	- 72,489
36	Gas used in system	2,125,732	1,883,954	1,922,048	1,572,385	1,508,466
37	Line losses and unaccounted for	3,804,867	- 4,371,879	- 2,338,285	- 3,069,887	- 2,421,124
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	95,415,531	79,843,266	81,017,137	69,715,750	65,538,902
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary)	34,377,018	29,710,223	27,422,291	22,906,425	21,685,393
42	Other gas utilities	13,240,553	13,048,370	11,932,547	10,751,649	10,227,720
49	Total disposition (39 + 40 + 41 + 42)	143,033,102	122,601,859	120,371,975	103,373,824	97,452,015

* Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1963

June	July	August	September	October	November	December	Year to date		No.
							1963	1962 ^r	
Mcf.									
3,545,883 40,807,081	3,917,797 41,167,577	4,473,601 40,752,094	4,720,859 42,215,524	5,022,913 45,840,931			47,808,929 450,354,439	) 461,527,517	1a 1b
7,666,185 6,227,544	6,927,079 5,813,608	7,467,238 6,023,038	8,209,324 6,397,408	10,647,755 7,138,785			112,221,463 65,020,393	) 172,232,254	2a 2b
58,246,693	57,826,061	58,715,971	61,543,115	68,650,384			675,405,224	633,759,771	3
828,262 4,042	867,400 10,081	859,313 9,846	809,481 9,715	68,025 9,362			6,800,891 185,219	5,459,594 36,846	4 5
59,078,997	58,703,542	59,585,130	62,362,311	68,727,771			682,391,334	639,256,211	6
39,489	-	2,264	7,112	294,597			17,940,465	16,576,097	7
59,118,486	58,703,542	59,587,394	62,369,423	69,022,368			700,331,799	655,832,308	9
...	...	...	...	...			...	...	11
4,400,065 24,171,023	5,105,874 24,539,783	4,764,739 25,111,177	3,855,268 26,826,572	4,140,394 29,446,417			41,766,731 305,896,770	) 295,015,735	12 13
87,689,574	88,349,199	89,463,310	93,051,263	102,609,179			1,047,995,300	950,848,043	19
5,602,252 19,736,318 2,786,605	3,477,050 19,157,302 1,886,996	3,035,356 19,932,618 1,869,999	3,784,998 19,878,287 2,714,615	6,029,521 21,682,105 3,481,096			113,714,600 196,118,054 54,372,487	108,283,343 178,746,928 51,518,487	20 21 22
28,125,175	24,521,348	24,837,973	26,377,900	31,192,722			364,205,141	338,548,758	30
26,118,308 52,586	26,871,216 50,623	26,295,124 55,297	27,125,032 61,063	29,289,379 79,197			290,545,927 637,075	280,190,612 459,358	31 32
54,296,069	51,443,187	51,188,394	53,563,995	60,561,298			655,388,143	619,198,728	33
5,491,294 - 159,822 1,475,841 - 1,984,896	6,290,164 - 266,566 1,521,333 - 284,576	5,316,723 231,302 1,531,913 1,319,062	4,370,359 226,529 1,591,855 2,616,685	3,286,415 - 102,523 1,703,544 3,573,634			31,283,132 - 20,148 16,837,071 3,156,399	25,809,794 - 186,581 13,250,893 - 2,461,323	34 35 36 37
59,118,486	58,703,542	59,587,394	62,369,423	69,022,368			700,331,799	655,611,511	39
...	...	...	...	...			...	...	40
16,947,007 11,624,081	16,385,216 13,260,441	16,936,705 12,939,211	18,332,801 12,349,039	20,682,808 12,904,003			225,385,887 122,277,614	187,100,685 108,135,847	41 42
87,689,574	88,349,199	89,463,310	93,051,263	102,609,179			1,047,995,300	950,848,043	49

... Figures not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

October 1963

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	4,745,781	277,132	...	5,022,913
1b	Processing plants	-	-	-	36,841,192	8,999,739	...	45,840,931
2	By distribution systems:							
2a	Fields	7,644	1,285,900	466,812	8,881,903	5,496	...	10,647,755
2b	Processing plants	-	-	1,755,134	5,345,359	38,292	...	7,138,785
3	Total (1 + 2)	7,644	1,285,900	2,221,946	55,814,235	9,320,659	...	68,650,384
4	Imports .....	...	...	...	...	...	68,025	68,025
5	Other receipts	-	-	-	9,362	-	...	9,362
6	Total net receipts (3 + 4 + 5)	7,644	1,285,900	2,221,946	55,823,597	9,320,659	68,025	68,727,771
7	Received from storage	-	161,836	16,918	115,843	-	...	294,597
9	Total supply of gas utilities (6 + 7)	7,644	1,447,736	2,238,864	55,939,440	9,320,659	68,025	69,022,368
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	716,546	2,175,892	-	2,892,438
24	Alberta	-	-	-	11,741,837	-	4,555	11,746,392
25	Saskatchewan	-	-	938,702	1,404,499	-	-	2,343,201
26	Manitoba	-	-	442,420	671,298	-	-	1,113,718
27	Ontario	-	1,341,912	-	9,539,596	-	63,470	10,944,978
28	Quebec	-	-	-	2,146,175	-	-	2,146,175
29	New Brunswick	5,820	-	-	-	-	-	5,820
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	5,820	1,341,912	1,381,122	26,219,951	2,175,892	68,025	31,192,722
31	Exports	-	-	-	22,550,995	6,738,384	...	29,289,379
32	Other deliveries	-	-	-	79,197	-	...	79,197
33	Total net deliveries (30 + 31 + 32)	5,820	1,341,912	1,381,122	48,850,143	8,914,276	68,025	60,561,298
34	Delivered to storage	-	-	305,845	2,980,570	-	-	3,286,415
35	Line pack fluctuation	-	-	5,187	- 78,873	- 28,837	-	- 102,523
36	Gas used in system	-	33,618	34,428	1,488,517	146,981	-	1,703,544
37	Line losses and unaccounted for	1,824	72,206	512,282	2,699,083	288,239	-	3,573,634
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	7,644	1,447,736	2,238,864	55,939,440	9,320,659	68,025	69,022,368

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

October 1963

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
October 1963:			
Daily average	1,612,006	1,006,217	2,059,604
Maximum(1)	2,068,208	...	...
Minimum(1)	1,350,474	...	...
Exports maximum(1)	1,259,082	...	1,259,082
October 1962 ^r :			
Daily average	1,612,001	969,706	2,037,226
Maximum(1)	2,058,796	...	...
Minimum(1)	1,468,531	...	...
Year to date 1963:			
Daily average	1,697,144	1,198,043	2,258,787
Maximum(1)	2,627,885	...	...
Minimum(1)	1,130,725	...	...
Commodity miles:			
Mcf. miles (thousands)	48,479,225	..	..
Ton-miles (millions)	1,105	..	..
Line pack:			
Beginning of month (Mcf.)	6,356,978	..	..
End of month (Mcf.)	6,251,104	..	..
Operating revenues	(\$16,426,435	(\$17,839,545	(\$26,454,591(2)

(1) Non-coincident.

(2) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

^r Revised figures.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

October 1963

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	50,418	163,744
Deliveries to ultimate customers	50,541	142,389
Line pack fluctuations	-	-
Gas used in system	-	800
Metering difference, line losses, cyclical billing adjustments and unaccounted for	- 123	20,555
Total disposition	50,418	163,744
Daily average sendout	1,626	5,282
Revenues	(\$43,791	(\$129,013

TABLE 6. Exports and Imports to and from the United States

October 1963

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	149,648	-
Ojibway, Ontario	-	63,470
Emerson, Manitoba	4,800,196	-
Coutts, Alberta	174	4,555
Aden, Alberta	1,111,462	-
Carway, Alberta	976,664	-
Kingsgate, British Columbia	13,670,483	-
Huntingdon, British Columbia	8,580,752	-
Canada	29,289,379	68,025

DOMINION BUREAU OF STATISTICS

(OTTAWA - CANADA)

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GAS UTILITIES

(Transport and Distribution Systems)

NOVEMBER 1963

During November 1963 gas utilities received from field gathering systems and processing plants 80,910,082 Mcf. of natural gas. The transport systems accounted for 6,187,700 Mcf. from fields and 52,106,765 Mcf. from processing plants, while the distribution systems received 15,068,377 Mcf. and 7,547,240 Mcf. respectively; natural gas received from storage was 2,329,767 Mcf. The total supply of gas utilities totalled 83,259,862 Mcf. and was 10.5 per cent higher than in November 1962. Of the total supply, 40,454,717 Mcf. were sold to ultimate customers in Canada, an increase of 8.2 per cent, while exports amounted to 33,071,691 Mcf., an increase of 7.9 per cent over last year. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and deliveries to storage. Transport systems delivered 27,309,709 Mcf. to distribution systems, an increase of 16.8 per cent over last year. For the twelve-month period ended November 1963 exports totalled 355,593,308^F Mcf., while net deliveries amounted to 805,325,302^F Mcf.

The transport systems which represent virtually all of the major "intercity" movements of natural gas had traffic amounting to 52.2 billion commodity (Mcf.) miles during November 1963 compared with 45.6 billion for 1962. Ton-miles totalled 1,189 million for November 1963. The daily average deliveries of gas utilities amounted to 2.5 million Mcf.

Utility receipts of Alberta natural gas totalled 67.6 billion cubic feet; of this, 23.0 per cent was sold to ultimate customers in Alberta, 16.0 per cent in Ontario, 3.9 per cent in Quebec, 3.0 per cent in Saskatchewan, 1.9 per cent in Manitoba and 1.5 per cent in British Columbia. In Table 3 deliveries of natural gas are considered as terminating and receipts from storage as originating in the province where the storage is located.

Revenue for the natural gas utilities for the month was \$33,557,049 and for manufactured and liquefied petroleum gases systems \$203,120, giving a combined Gas Utilities total of \$33,760,169.

This report has revisions in concept to bring it into line with the practice of industry as well as several revisions by respondents to adopt the new concepts. All gas volumes are now given in cubic feet measured at 14.73 p.s.i.a. and 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports in cubic feet containing 1,000 B.T.U.'s at 14.73 p.s.i.a. and 60°F are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005. As a result of these changes it has been necessary to revise certain of the 1962 figures, particularly exports, to enable more meaningful comparisons.

There is no precise comparison of residential, commercial and industrial sales although the reported sales volumes are believed to be within 1 to 2 per cent of what volumes would have been under the revised concepts. The effect of the change in concept is that previous years sales are overstated in Alberta and British Columbia, while other provinces are unchanged. Revised figures for previous years are being prepared and will be released in the December "Sales of Manufactured and Natural Gas", Catalogue number 45-005.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include a cyclical billing adjustment.

^F Revised figures.

February 1964
8506-503

Industry Division

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

November 1963

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	8,946	-	1,333,132
2b	Processing plants	-	-	-
3	Total (1 + 2)	8,946	-	1,333,132
4	Imports	-	-	-
5	Other receipts	-	-	-
6	Total net receipts (3 + 4 + 5)	8,946	-	1,333,132
7	Received from storage	-	-	1,902,345
9	Total supply of gas utilities (6 + 7)	8,946	-	3,235,477
	Transfers from:			
11	Other provinces	-	2,698,445	16,941,218
12	Distribution to transport (primary)	-	-	633,553
13	Other gas utilities	-	2,698,445	21,038,948
19	Total gross receipts (9 + 11 + 12 + 13) ...	8,946	5,396,890	41,849,196
	<u>Disposition</u>			
	Sales:			
20	Residential	4,370	745,629	4,236,653
21	Industrial	-	1,712,693	8,004,056
22	Commercial	1,450	167,672	1,532,953
30	Total sales (20 + 21 + 22)	5,820	2,625,994	13,773,662
31	Exports	-	-	191,443
32	Other deliveries	-	-	351
33	Total net deliveries (30 + 31 + 32)	5,820	2,625,994	13,965,456
34	Delivered to storage	-	-	184,903
35	Line pack fluctuation	-	8,103	98,199
36	Gas used in system	-	4,067	590,324
37	Line losses and unaccounted for	3,126	60,281	2,639,368
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	8,946	2,698,445	17,478,250
	Transfers to:			
40	Other provinces	-	-	2,698,445
41	Distribution by transport (primary)	-	2,698,445	15,577,246
42	Other gas utilities	-	-	6,095,255
49	Total disposition (39 + 40 + 41 + 42)	8,946	5,396,890	41,849,196

* Revised figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

November 1963

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	November ^r 1962	No.
					Canada	
Mcf.						
-	-	5,879,412	308,288	6,187,700)		1a
-	-	42,852,634	9,254,131	52,106,765)	51,204,661	1b
-	480,453	13,236,801	9,045	15,068,377)		2a
-	2,182,374	5,305,190	59,676	7,547,240)	20,894,224	2b
-	2,662,827	67,274,037	9,631,140	80,910,082	72,098,885	3
-	-	9,773	-	9,773	7,536	4
2,028	-	8,212	-	10,240	-	5
2,028	2,662,827	67,292,022	9,631,140	80,930,095	72,106,421	6
-	78,794	348,628	-	2,329,767	3,262,376	7
2,028	2,741,621	67,640,650	9,631,140	83,259,862	75,368,797	9
25,516,870	27,710,527	-	19,379,014	...	...	11
-	723,917	1,610,860	-	2,968,330)		12
2,384,106	2,268,596	3,846,342	4,068,777	36,305,214)	34,075,984	13
27,903,004	33,444,661	73,097,852	33,078,931	122,533,406	109,444,781	19
728,303	922,567	3,665,064	1,656,826	11,959,412	11,968,279	20
542,756	1,610,867	8,989,685	1,595,305	22,455,362	19,713,428	21
490,152	429,737	2,927,256	490,723	6,039,943	5,713,237	22
1,761,211	2,963,171	15,582,005	3,742,854	40,454,717	37,394,944	30
5,844,934	-	2,273,435	24,761,879	33,071,691	30,646,014	31
-	-	92,275	-	92,626	35,852	32
7,606,145	2,963,171	17,947,715	28,504,733	73,619,034	68,076,810	33
-	55,034	-	-	239,937	11,451	34
17,078	36,984	133,473	- 13,304	280,533	125,516	35
280,241	609,438	58,521	263,252	1,805,843	1,679,779	36
674,216	1,270,651	2,411,400	255,473	7,314,515	5,251,211	37
8,577,680	4,935,278	20,551,109	29,010,154	83,259,862	75,144,767	39
16,941,218	25,516,870	47,089,541	-	...	...	40
2,384,106	2,268,596	435,109	3,946,207	27,309,709	23,385,246	41
-	723,917	5,022,093	122,570	11,963,835	10,914,768	42
27,903,004	33,444,661	73,097,852	33,078,931	122,533,406	109,444,781	49

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1963

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	6,490,502	5,665,269	5,185,435	4,817,434	3,969,236
1b	Processing plants	53,448,663	45,922,308	50,341,692	45,448,449	44,410,120
2	By distribution systems:					
2a	Fields	20,099,614	15,790,009	14,239,942	11,394,674	9,779,643
2b	Processing plants	6,544,092	6,772,147	7,614,165	6,155,868	6,333,738
3	Total (1 + 2)	86,582,871	74,149,733	77,381,234	67,816,425	64,492,737
4	Imports	213,784	166,149	987,966	1,124,916	875,595
5	Other receipts	82,482	40,522	1,002	441	17,726
6	Total net receipts (3 + 4 + 5)	86,879,137	74,356,404	78,370,202	68,941,782	65,386,058
7	Received from storage	8,536,394	5,486,862	2,646,935	773,968	152,844
9	Total supply of gas utilities (6 + 7)	95,415,531	79,843,266	81,017,137	69,715,750	65,538,902
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary)	4,275,301	4,737,209	3,624,455	2,988,816	3,874,610
13	Other gas utilities	43,342,270	38,021,384	35,730,383	30,669,258	28,038,503
19	Total gross receipts (9 + 11 + 12 + 13) ...	143,033,102	122,601,859	120,371,975	103,373,824	97,452,015
	<u>Disposition</u>					
	Sales:					
20	Residential	24,487,687	24,217,941	19,618,195	13,908,773	9,552,827
21	Industrial	18,626,804	17,246,726	19,446,709	19,890,248	20,520,937
22	Commercial	10,897,541	10,826,176	8,844,584	6,530,644	4,534,231
30	Total sales (20 + 21 + 22)	54,012,032	52,290,843	47,909,488	40,329,665	34,607,995
31	Exports	34,608,544	29,721,885	32,520,099	29,464,060	28,532,280
32	Other deliveries	88,879	65,370	68,550	59,194	56,316
33	Total net deliveries (30 + 31 + 32)	88,709,455	82,078,098	80,498,137	69,852,919	63,196,591
34	Delivered to storage	607,009	363,974	680,971	1,548,765	3,327,458
35	Line pack fluctuation	168,468	- 110,881	254,266	- 188,432	- 72,489
36	Gas used in system	2,125,732	1,883,954	1,922,048	1,572,385	1,508,466
37	Line losses and unaccounted for	3,804,867	- 4,371,879	- 2,338,285	- 3,069,887	- 2,421,124
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	95,415,531	79,843,266	81,017,137	69,715,750	65,538,902
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary)	34,377,018	29,710,223	27,422,291	22,906,425	21,685,393
42	Other gas utilities	13,240,553	13,048,370	11,932,547	10,751,649	10,227,720
49	Total disposition (39 + 40 + 41 + 42)	143,033,102	122,601,859	120,371,975	103,373,824	97,452,015

* Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1963

June	July	August	September	October ^r	November	December	Year to date		No.
							1963 ^r	1962 ^r	
Mcf.									
3,545,883 40,807,081	3,917,797 41,167,577	4,473,601 40,752,094	4,720,859 42,215,524	5,022,913 45,840,931	6,187,700 52,106,765		53,996,629 502,461,204	512,732,178	1a 1b
7,666,185 6,227,544	6,927,079 5,813,608	7,467,238 6,023,038	8,209,324 6,397,408	10,655,546 7,138,785	15,068,377 7,547,240		127,297,631 72,567,633	193,126,478	2a 2b
58,246,693	57,826,061	58,715,971	61,543,115	68,658,175	80,910,082		756,323,097	705,858,656	3
828,262 4,042	867,400 10,081	859,313 9,846	809,481 9,715	68,025 9,362	9,773 10,240		6,810,664 195,459	5,467,130 36,846	4 5
59,078,997	58,703,542	59,585,130	62,362,311	68,735,562	80,930,095		763,329,220	711,362,632	6
39,489	-	2,264	7,112	294,597	2,329,767		20,270,232	19,838,473	7
59,118,486	58,703,542	59,587,394	62,369,423	69,030,159	83,259,862		783,599,452	731,201,105	9
...	...	...	...	...	...		...	...	11
4,400,065 24,171,023	5,105,874 24,539,783	4,764,739 25,111,177	3,855,268 26,826,572	4,140,394 29,446,417	2,968,330 36,305,214		44,735,061 342,201,984	329,091,719	12 13
87,689,574	88,349,199	89,463,310	93,051,263	102,616,970	122,533,406		1,170,536,497	1,060,292,824	19
5,602,252 19,736,318 2,786,605	3,477,050 19,157,302 1,886,996	3,035,356 19,932,618 1,869,999	3,784,998 19,878,287 2,714,615	6,031,555 21,687,858 3,481,096	11,959,412 22,455,362 6,039,943		125,676,046 218,579,169 60,412,430	120,251,622 198,460,356 57,231,724	20 21 22
28,125,175	24,521,348	24,837,973	26,377,900	31,200,509	40,454,717		404,667,645	375,943,702	30
26,118,308 52,586	26,871,216 50,623	26,295,124 55,297	27,125,032 61,063	29,289,379 79,197	33,071,691 92,626		323,617,618 729,701	310,836,626 495,210	31 32
54,296,069	51,443,187	51,188,394	53,563,995	60,569,085	73,619,034		729,014,964	687,275,538	33
5,491,294 - 159,822 1,475,841 - 1,984,896	6,290,164 - 266,566 1,521,333 - 284,576	5,316,723 231,302 1,531,913 1,319,062	4,370,359 226,529 1,591,855 2,616,685	3,286,415 - 102,523 1,703,544 3,573,638	239,937 280,533 1,805,843 7,314,515		31,523,069 260,385 18,642,914 4,158,120	25,821,245 - 61,065 14,930,672 2,789,888	34 35 36 37
59,118,486	58,703,542	59,587,394	62,369,423	69,030,159	83,259,862		783,599,452	730,756,278	39
...	...	...	...	...	...		...	...	40
16,947,007 11,624,081	16,385,216 13,260,441	16,936,705 12,939,211	18,332,801 12,349,039	20,682,808 12,904,003	27,309,709 11,963,835		252,695,596 134,241,449	210,485,931 119,050,615	41 42
87,689,574	88,349,199	89,463,310	93,051,263	102,616,970	122,533,406		1,170,536,497	1,060,292,824	49

... Figures not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

November 1963

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	5,879,412	308,288	-	6,187,700
1b	Processing plants	-	-	-	42,852,634	9,254,131	-	52,106,765
2	By distribution systems:							
2a	Fields	8,946	1,333,132	480,453	13,236,801	9,045	-	15,068,377
2b	Processing plants	-	-	2,182,374	5,305,190	59,676	-	7,547,240
3	Total (1 + 2)	8,946	1,333,132	2,662,827	67,274,037	9,631,140	-	80,910,082
4	Imports	-	-	-	-	-	9,773	9,773
5	Other receipts	-	-	-	10,240	-	-	10,240
6	Total net receipts (3 + 4 + 5)	8,946	1,333,132	2,662,827	67,284,277	9,631,140	9,773	80,930,095
7	Received from storage	-	1,902,345	78,794	348,628	-	-	2,329,767
9	Total supply of gas utilities (6 + 7)	8,946	3,235,477	2,741,621	67,632,905	9,631,140	9,773	83,259,862
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	1,038,179	2,704,675	-	3,742,854
24	Alberta	-	-	-	15,572,232	-	9,773	15,582,005
25	Saskatchewan	-	-	920,518	2,042,653	-	-	2,963,171
26	Manitoba	-	-	497,974	1,263,237	-	-	1,761,211
27	Ontario	-	2,941,397	-	10,832,265	-	-	13,773,662
28	Quebec	-	-	-	2,625,994	-	-	2,625,994
29	New Brunswick	5,820	-	-	-	-	-	5,820
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	5,820	2,941,397	1,418,492	33,374,560	2,704,675	9,773	40,454,717
31	Exports	-	-	-	26,525,018	6,546,673	-	33,071,691
32	Other deliveries	-	-	-	92,626	-	-	92,626
33	Total net deliveries (30 + 31 + 32)	5,820	2,941,397	1,418,492	59,992,204	9,251,348	9,773	73,619,034
34	Delivered to storage	-	-	55,034	184,903	-	-	239,937
35	Line pack fluctuation	-	-	14,213	267,621	- 1,301	-	280,533
36	Gas used in system	-	13,459	48,955	1,563,788	179,641	-	1,805,843
37	Line losses and unaccounted for	3,126	280,621	1,204,927	5,624,389	201,452	-	7,314,515
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	8,946	3,235,477	2,741,621	67,632,905	9,631,140	9,773	83,259,862

TABLE 4. Operating Statistics: Natural Gas Utilities

November 1963

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
November 1963:			
Daily average	2,012,713	1,348,491	2,461,966
Maximum(1)	2,447,839	...	...
Minimum(1)	1,794,535	...	...
Exports maximum(1)	1,174,011	...	1,174,011
November 1962 ^r :			
Daily average	1,801,042	1,246,498	2,269,609
Maximum(1)	2,144,787	...	...
Minimum(1)	1,623,828	...	...
Year to date 1963:			
Daily average	1,725,489	1,211,580	2,277,060
Maximum(1)	2,627,885	...	...
Minimum(1)	1,130,725	...	...
Commodity miles:			
Mcf. miles (thousands)	52,158,749	..	..
Ton-miles (millions)	1,189	..	..
Line pack:			
Beginning of month (Mcf.)	6,251,104	..	..
End of month (Mcf.)	6,475,443	..	..
Operating revenues	(\$)18,725,421	(\$)24,904,430	(\$)33,557,049(2)

(1) Non-coincident.

(2) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

^r Revised figures.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

November 1963

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	46,646	218,558
Deliveries to ultimate customers	46,175	197,134
Line pack fluctuations	-	643
Gas used in system	- 643	851
Metering difference, line losses, cyclical billing adjustments and unaccounted for	1,114	19,930
Total disposition	46,646	218,558
Daily average sendout	1,539	6,571
Revenues	(\$)41,350	(\$)161,770

TABLE 6. Exports and Imports to and from the United States

November 1963

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	191,443	-
Ojibway, Ontario	-	-
Emerson, Manitoba	5,844,934	-
Coutts, Alberta	293	9,773
Aden, Alberta	1,321,693	-
Carway, Alberta	951,449	-
Kingsgate, British Columbia	15,915,941	-
Huntingdon, British Columbia	8,845,938	-
Canada	33,071,691	9,773

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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GAS UTILITIES

(Transport and Distribution Systems)

DECEMBER(1) 1963

For the twelve-month period January to December 1963, total net deliveries increased 7.5 per cent to 812,038,024 Mcf. from 755,424,830 Mcf. last year. Total net deliveries amounted to 2,323,284 Mcf./day. Exports for the twelve months of 1963 totalled 359,606,260 Mcf. compared with 342,812,316 Mcf. in 1962, up 4.9 per cent.

In December 1963 gas utilities received from field gathering systems and processing plants 90,592,104 Mcf. of natural gas. The transport systems accounted for 65,156,131 Mcf., while the distribution systems received 25,435,973 Mcf.; natural gas received from storage was 7,247,873 Mcf. The total supply of gas utilities totalled 97,914,626 Mcf., of this, 50,937,687 Mcf. were sold to ultimate customers in Canada, an increase of 17.2 per cent, while exports amounted to 35,988,642 Mcf., up 12.6 per cent over last year. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and small deliveries to storage. Transport systems delivered 35,871,114 Mcf. to distribution systems in December 1963.

The transport systems which represent virtually all of the major "intercity" movements of natural gas had traffic amounting to 58.2 billion commodity (Mcf.) miles (1,328 ton-miles) during December 1963 compared with 48.6 billion (1,109 ton-miles) last year. Total commodity miles for the year 1963 were 580,400,095 Mcf. (13,233 ton-miles) compared with 513,703,911 Mcf. (11,712 ton-miles) last year.

Utility receipts of natural gas produced in Alberta totalled 75.2 billion cubic feet; of this, 24.2 per cent was sold to ultimate customers in Alberta, 13.6 per cent in Ontario, 3.7 per cent in Quebec, 3.3 per cent in Manitoba, 3.0 per cent in Saskatchewan and 1.7 per cent in British Columbia. In Table 3 gas received from and delivered to storage are considered as having terminated or originated in the province where the storage is located.

Revenue for the natural gas utilities for the month was \$44,350,495 and for manufactured and liquefied petroleum gases systems \$228,360, giving a combined Gas Utilities total of \$44,578,855.

Starting in January of 1963 this report had revisions in concept to bring it into line with the practice of industry and to remove complex reporting problems for the respondents. All gas volumes are now given in cubic feet measured at 14.73 p.s.i.a. and 60° F; that is, without adjustments to a common B.T.U. base. Gas sales and exports in cubic feet containing 1,000 B.T.U.'s at 14.73 p.s.i.a. and 60° F are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005. As a result of these changes it has been necessary to revise historical figures to enable more meaningful comparisons.

The effect of this change in concept is that previous years sales were overstated for Alberta and British Columbia. Revised figures for sales and exports for the period 1957 to 1963 are presented in the December "Sales of Manufactured and Natural Gas", (Tables 7 to 13), Catalogue number 45-005.

Residential sales and a substantial portion of the smaller commercial sales are for the most part made through "positive displacement meter" and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include a cyclical billing adjustment.

(1) Contains several revised figures (see tables).

Industry Division

April 1964
8506-503

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

December 1963

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	13,326	-	1,894,336
2b	Processing plants	-	-	-
3	Total (1 + 2)	13,326	-	1,894,336
4	Imports	-	-	-
5	Other receipts	-	-	3,367
6	Total net receipts (3 + 4 + 5)	13,326	-	1,897,703
7	Received from storage	-	-	6,638,834
9	Total supply of gas utilities (6 + 7)	13,326	-	8,536,537
	Transfers from:			
11	Other provinces	-	2,866,181	18,514,851
12	Distribution to transport (primary)	-	-	623,790
13	Other gas utilities	-	2,866,181	28,399,840
19	Total gross receipts (9 + 11 + 12 + 13) ...	13,326	5,732,362	56,075,018
	<u>Disposition</u>			
	Sales:			
20	Residential	4,661	1,361,465	7,793,372
21	Industrial	-	1,105,846	7,485,475
22	Commercial	1,963	291,201	2,941,880
30	Total sales (20 + 21 + 22)	6,624	2,758,512	18,220,727
31	Exports	-	-	206,681
32	Other deliveries	-	-	901
33	Total net deliveries (30 + 31 + 32)	6,624	2,758,512	18,428,309
34	Delivered to storage	-	-	-
35	Line pack fluctuation	-	- 6,894	- 22,713
36	Gas used in system	-	9,233	870,136
37	Line losses and unaccounted for	6,702	105,330	4,909,475
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	13,326	2,866,181	24,185,207
	Transfers to:			
40	Other provinces	-	-	2,866,181
41	Distribution by transport (primary)	-	2,866,181	21,792,955
42	Other gas utilities	-	-	7,230,675
49	Total disposition (39 + 40 + 41 + 42)	13,326	5,732,362	56,075,018

† Revised figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

December 1963

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	December ^r 1962	No.
					Canada	
Mcf.						
-	-	6,564,037	313,335	6,877,372	)	1a
-	-	48,048,846	10,229,913	58,278,759	)	1b
-	772,072	13,885,862	9,879	16,575,475	)	2a
-	2,488,221	6,306,633	65,644	8,860,498	)	2b
-	3,260,293	74,805,378	10,618,771	90,592,104		3
-	-	12,710	-	12,710		4
52,097	-	6,475	-	61,939		5
52,097	3,260,293	74,824,563	10,618,771	90,666,753		6
-	260,411	348,628	-	7,247,873		7
52,097	3,520,704	75,173,191	10,618,771	97,914,626		9
28,885,748	31,496,692	-	21,490,266	...		11
-	805,642	1,856,070	-	3,285,502	)	12
3,601,221	2,551,445	4,074,895	4,665,520	46,159,102	)	13
32,539,066	38,374,483	81,104,156	36,774,557	147,359,230		19
1,470,794	1,819,766	5,705,273	2,024,991	20,180,322		20
579,122	1,663,082	8,270,709	1,702,420	20,806,654		21
943,245	852,512	4,260,147	659,763	9,950,711		22
2,993,161	4,335,360	18,236,129	4,387,174	50,937,687		30
6,327,239	-	2,378,738	27,075,984	35,988,642		31
-	-	102,864	-	103,765		32
9,320,400	4,335,360	20,717,731	31,463,158	87,030,094		33
-	39,276	480,803	-	520,079		34
- 8,964	- 2,776	69,598	115,009	143,260		35
412,838	878,324	91,012	290,605	2,552,148		36
698,720	881,464	827,089	240,265	7,669,045		37
10,422,994	6,131,648	22,186,233	32,109,037	97,914,626		39
18,514,851	28,885,748	52,986,958	-	...		40
3,601,221	2,551,445	529,238	4,530,074	35,871,114		41
-	- 805,642	5,401,727	135,446	13,573,490		42
32,539,066	38,374,483	81,104,156	36,774,557	147,359,230		49

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1963

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	6,490,502	5,665,269	5,185,435	4,817,434	3,969,236
1b	Processing plants	53,448,663	45,922,308	50,341,692	45,448,449	44,410,120
2	By distribution systems:					
2a	Fields	20,099,614	15,790,009	14,239,942	11,394,674	9,779,643
2b	Processing plants	6,544,092	6,772,147	7,614,165	6,155,868	6,333,738
3	Total (1 + 2)	86,582,871	74,149,733	77,381,234	67,816,425	64,492,737
4	Imports	213,784	166,149	987,966	1,124,916	875,595
5	Other receipts	82,482	40,522	1,002	441	17,726
6	Total net receipts (3 + 4 + 5)	86,879,137	74,356,404	78,370,202	68,941,782	65,386,058
7	Received from storage	8,536,394	5,486,862	2,646,935	773,968	152,844
9	Total supply of gas utilities (6 + 7)	95,415,531	79,843,266	81,017,137	69,715,750	65,538,902
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary)	4,275,301	4,737,209	3,624,455	2,988,816	3,874,610
13	Other gas utilities	43,342,270	38,021,384	35,730,383	30,669,258	28,038,503
19	Total gross receipts (9 + 11 + 12 + 13) ...	143,033,102	122,601,859	120,371,975	103,373,824	97,452,015
	<u>Disposition</u>					
	Sales:					
20	Residential	24,487,687	24,217,941	19,618,195	13,908,773	9,552,827
21	Industrial	18,467,506	17,030,474	19,176,060	19,602,222	20,192,971
22	Commercial	10,897,541	10,826,176	8,844,584	6,530,644	4,534,231
30	Total sales (20 + 21 + 22)	53,852,734	52,074,591	47,638,839	40,041,639	34,280,029
31	Exports	34,608,544	29,721,885	32,520,099	29,464,060	28,532,280
32	Other deliveries	88,879	65,370	68,550	59,194	56,316
33	Total net deliveries (30 + 31 + 32)	88,550,157	81,861,846	80,227,488	69,564,893	62,868,625
34	Delivered to storage	766,307	580,226	951,620	1,836,791	3,655,424
35	Line pack fluctuation	168,468	- 110,881	254,266	- 188,432	- 72,489
36	Gas used in system	2,125,732	1,883,954	1,922,048	1,572,385	1,508,466
37	Line losses and unaccounted for	3,804,867	- 4,371,879	- 2,338,285	- 3,069,887	- 2,421,124
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	95,415,531	79,843,266	81,017,137	69,715,750	65,538,902
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary)	34,377,018	29,710,223	27,422,291	22,906,425	21,685,393
42	Other gas utilities	13,240,553	13,048,370	11,932,547	10,751,649	10,227,720
49	Total disposition (39 + 40 + 41 + 42)	143,033,102	122,601,859	120,371,975	103,373,824	97,452,015

* Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1963

June	July	August	September	October	November	December	Year to date		No.
							1963 ^r	1962 ^r	
Mcf.									
3,545,883 40,807,081	3,917,797 41,167,577	4,473,601 40,752,094	4,720,859 42,215,524	5,022,913 45,840,931	6,187,700 52,106,765	6,877,372 58,278,759	60,874,001 560,739,963	) )	1a 1b
7,666,185 6,227,544	6,862,754 5,813,608	7,467,238 6,023,038	8,209,324 6,397,408	10,655,546 7,138,785	15,068,377 7,547,240	16,575,475 8,860,498	143,808,781 81,428,131	) )	2a 2b
58,246,693	57,761,736	58,715,971	61,543,115	68,658,175	80,910,082	90,592,104	846,850,876	..	3
828,262 4,042	867,400 10,081	859,313 9,846	809,481 9,715	68,025 9,362	9,773 10,240	12,710 61,939	6,823,374 257,398	5,477,463 36,846	4 5
59,078,997	58,639,217	59,585,130	62,362,311	68,735,562	80,930,095	90,666,753	853,931,648	..	6
39,489	-	2,264	7,112	294,597	2,329,767	7,247,873	27,518,105	26,378,593	7
59,118,486	58,639,217	59,587,394	62,369,423	69,030,159	83,259,862	97,914,626	881,449,753	..	9
4,400,065 24,171,023	5,105,874 24,629,384	4,764,739 25,111,177	3,855,268 26,826,572	4,140,394 29,446,417	2,968,330 36,305,214	3,285,502 46,159,102	48,020,563 388,450,687	) )	11 12 13
87,689,574	88,374,475	89,463,310	93,051,263	102,616,970	122,533,406	147,359,230	1,317,921,003	..	19
5,602,252 19,364,972 2,786,605	3,477,050 18,606,378 1,886,996	3,035,356 19,473,061 1,869,999	3,784,998 19,434,988 2,714,615	6,031,555 21,215,754 3,481,096	11,959,412 22,007,749 6,039,943	20,180,322 20,806,654 9,950,711	145,856,368 235,378,789 70,363,141	134,919,118 213,467,798 63,674,593	20 21 22
27,753,829	23,970,424	24,378,416	25,934,601	30,728,405	40,007,104	50,937,687	451,598,298	412,061,509	30
26,118,308 52,586	26,871,216 50,623	26,295,124 55,297	27,125,032 61,063	29,289,379 79,197	33,071,691 92,626	35,988,642 103,765	359,606,260 833,466	342,812,316 551,005	31 32
53,924,723	50,892,263	50,728,837	53,120,696	60,096,981	73,171,421	87,030,094	812,038,024	755,424,830	33
5,862,640 - 159,822 1,475,841 - 1,984,896	6,751,487 - 266,566 1,521,333 - 259,300	5,776,280 231,302 1,531,913 1,319,062	4,813,658 226,529 1,591,855 2,616,685	3,758,519 - 102,523 1,703,544 3,573,638	687,550 280,533 1,805,843 7,314,515	520,079 143,260 2,552,148 7,669,045	35,960,581 403,645 21,195,062 11,852,441	26,038,186	34 35 36 37
59,118,486	58,639,217	59,587,394	62,369,423	69,030,159	83,259,862	97,914,626	881,449,753	..	39
16,947,007 11,624,081	16,385,216 13,350,042	16,936,705 12,939,211	18,332,801 12,349,039	20,682,808 12,904,003	27,309,709 11,963,835	35,871,114 13,573,490	288,566,710 147,904,540	.. .. ..	40 41 42
87,689,574	88,374,475	89,463,310	93,051,263	102,616,970	122,533,406	147,359,230	1,317,921,003	..	49

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

December 1963

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	6,564,037	313,335	...	6,877,372
1b	Processing plants	-	-	-	48,048,846	10,229,913	...	58,278,759
2	By distribution systems:							
2a	Fields	13,326	1,894,336	772,072	13,885,862	9,879	...	16,575,475
2b	Processing plants	-	-	2,488,221	6,306,633	65,644	...	8,860,498
3	Total (1 + 2)	13,326	1,894,336	3,260,293	74,805,378	10,618,771	...	90,592,104
4	Imports .....	...	...	...	...	...	12,710	12,710
5	Other receipts	-	3,367	-	58,572	-	...	61,939
6	Total net receipts (3 + 4 + 5)	13,326	1,897,703	3,260,293	74,863,950	10,618,771	12,710	90,666,753
7	Received from storage	-	6,638,834	260,411	348,628	-	...	7,247,873
9	Total supply of gas utilities (6 + 7)	13,326	8,536,537	3,520,704	75,212,578	10,618,771	12,710	97,914,626
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	1,253,834	3,133,340	-	4,387,174
24	Alberta	-	-	-	18,223,419	-	12,710	18,236,129
25	Saskatchewan	-	-	2,046,985	2,288,375	-	-	4,335,360
26	Manitoba	-	-	542,572	2,450,589	-	-	2,993,161
27	Ontario	-	8,000,330	-	10,220,397	-	-	18,220,727
28	Quebec	-	-	-	2,758,512	-	-	2,758,512
29	New Brunswick	6,624	-	-	-	-	-	6,624
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	6,624	8,000,330	2,589,557	37,195,126	3,133,340	12,710	50,937,687
31	Exports	-	-	-	29,005,136	6,983,506	...	35,988,642
32	Other deliveries	-	-	-	103,765	-	...	103,765
33	Total net deliveries (30 + 31 + 32)	6,624	8,000,330	2,589,557	66,304,027	10,116,846	12,710	87,030,094
34	Delivered to storage	-	-	39,276	480,803	-	-	520,079
35	Line pack fluctuation	-	-	9,175	30,838	103,247	-	143,260
36	Gas used in system	-	21,582	52,649	2,277,590	200,327	-	2,552,148
37	Line losses and unaccounted for	6,702	514,625	830,047	6,119,320	198,351	-	7,669,045
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	13,326	8,536,537	3,520,704	75,212,578	10,618,771	12,710	97,914,626

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

December 1963

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
December 1963:			
Daily average	2,318,057	1,643,151	2,824,199
Maximum(1)	2,677,506	...	...
Minimum(1)	2,072,572	...	...
Exports maximum(1)	1,208,998	...	1,208,998
December 1962 ^r :			
Daily average .....	..	1,402,282	..
Maximum(1)	2,412,942	...	...
Minimum(1)	1,769,767	...	...
Year to date 1963:			
Daily average	1,775,816	1,237,256	2,323,284
Maximum(1)	2,677,506	...	...
Minimum(1)	1,130,725	...	...
Commodity miles:			
Mcf. miles (thousands)	58,241,915	..	..
Ton-miles (millions)	1,328	..	..
Line pack:			
Beginning of month (Mcf.)	6,475,443	..	..
End of month (Mcf.)	6,594,431	..	..
Operating revenues	(\$)21,832,921	(\$)34,475,588	(\$)44,350,495 (2)

- (1) Non-coincident.
(2) Interindustry revenues eliminated.
.. Figures not available.
... Figures not appropriate or not applicable.
^r Revised figures.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

December 1963

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	65,311	261,630
Deliveries to ultimate customers	62,482	229,027
Line pack fluctuations	-	2,074
Gas used in system	- 2,074	2,925
Metering difference, line losses, cyclical billing adjustments and unaccounted for	4,903	27,604
Total disposition	65,311	261,630
Daily average sendout	2,016	7,388
Revenues	(\$)46,574	(\$)181,786

TABLE 6. Exports and Imports to and from the United States

December 1963

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	206,681	-
Ojibway, Ontario	-	-
Emerson, Manitoba	6,327,239	-
Coutts, Alberta	578	12,710
Aden, Alberta	1,451,773	-
Carway, Alberta	926,387	-
Kingsgate, British Columbia	17,790,656	-
Huntingdon, British Columbia	9,285,328	-
Canada	35,988,642	12,710

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GAS UTILITIES
(Transport and Distribution Systems)

JANUARY 1964

During January 1964 gas utilities received 90,397,955 Mcf. of natural gas from field gathering systems and processing plants. The transport systems accounted for 67,439,121 Mcf., while the distribution systems received 22,958,834 Mcf.; natural gas received from storage was 6,075,333 Mcf. The total supply of gas utilities was 96,551,154 Mcf., 1.2 per cent higher than in January 1963. Of the total supply, 58,280,826 Mcf. were sold to ultimate customers in Canada, an increase of 8.2 per cent, while exports amounted to 36,341,974 Mcf., an increase of 5.0 per cent over last year. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and small deliveries to storage. Natural gas received by distribution systems from transport systems amounted to 35,182,609 Mcf., up 2.3 per cent from last year. For the twelve-month period ended January 1964 exports totalled 361,339,690 Mcf., while net deliveries amounted to 818,352,417 Mcf.

The transport systems which represent virtually all of the major "intercity" movements of natural gas had traffic amounting to 58.5 billion commodity (Mcf.) miles during January 1964 compared with 51.9 billion for the same month last year. Ton-miles totalled 1,334 million for January 1964. The daily average deliveries of gas utilities amounted to 3.1 million Mcf.

Alberta natural gas utility receipts totalled 74.8 billion cubic feet; of this 25.1 per cent was sold to ultimate customers in Alberta, 21.5 per cent in Ontario, 4.5 per cent in Manitoba, 3.7 per cent in Quebec, 3.2 per cent in Saskatchewan and 1.4 per cent in British Columbia. In Table 3 gas received from and delivered to storage is considered as having terminated or originated in the province where the storage is located.

Revenue for the natural gas utilities for the month was \$51,041,410 and for manufactured and liquefied petroleum gases systems \$247,592, giving a combined Gas Utilities total of \$51,289,002.

All gas volumes are given in cubic feet measured at 14.73 s.i.a. and 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports in cubic feet containing 1,000 B.T.U.'s at 14.73 p.s.i.a. and 60°F are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue 26-006 gives the Supply and Disposition of Natural Gas by Source.

Industry Division

June 1964
6511-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

January 1964

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	13,507	-	1,153,281
2b	Processing plants	-	-	-
3	Total (1 + 2)	13,507	-	1,153,281
4	Imports	-	-	-
5	Other receipts(1)	-	-	770
6	Total net receipts (3 + 4 + 5)	13,507	-	1,154,051
7	Received from storage	-	-	5,764,984
9	Total supply of gas utilities (6 + 7)	13,507	-	6,919,035
	Transfers from:			
11	Other provinces	-	2,843,470	18,781,454
12	Distribution to transport (primary)	-	-	-
13	Other gas utilities	-	2,843,470	28,447,075
19	Total gross receipts (9 + 11 + 12 + 13) ...	13,507	5,686,940	54,147,564
	<u>Disposition</u>			
	Sales:			
20	Residential	7,750	1,236,960	11,420,256
21	Industrial	-	1,216,095	7,426,901
22	Commercial	-	317,497	4,043,528
30	Total sales (20 + 21 + 22)	7,750	2,770,552	22,890,685
31	Exports	-	-	131,318
32	Other deliveries	-	-	1,111
33	Total net deliveries (30 + 31 + 32)	7,750	2,770,552	23,023,114
34	Delivered to storage	-	-	-
35	Line pack fluctuation	-	8,532	27,439
36	Gas used in system	-	6,548	919,970
37	Line losses and unaccounted for	5,757	57,838	- 1,113,504
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	13,507	2,843,470	22,857,019
	Transfers to:			
40	Other provinces	-	-	2,843,470
41	Distribution by transport (primary)	-	-	21,022,662
42	Other gas utilities	-	2,843,470	7,424,413
49	Total disposition (39 + 40 + 41 + 42)	13,507	5,686,940	54,147,564

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

r Revised figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

January 1964

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	January ^r 1963	No.
					Canada	
Mcf.						
-	-	7,703,544	378,653	8,082,197	7,948,405	1a
-	-	48,418,849	10,938,075	59,356,924	53,928,278	1b
-	771,451	6,666,063	14,163	8,618,465	11,929,746	2a
-	2,511,677	11,752,506	76,186	14,340,369	12,776,442	2b
-	3,283,128	74,540,962	11,407,077	90,397,955	86,582,871	3
-	-	12,330	-	12,330	213,784	4
55,624	-	9,142	-	65,536	82,482	5
55,624	3,283,128	74,562,434	11,407,077	90,475,821	86,879,137	6
-	132,301	178,048	-	6,075,333	8,536,394	7
55,624	3,415,429	74,740,482	11,407,077	96,551,154	95,415,531	9
29,119,795	31,906,006	-	21,056,181	...	...	11
-	748,971	366,765	-	1,115,736	4,275,301	12
3,552,361	2,637,204	3,728,016	4,773,725	45,981,851	43,342,270	13
32,727,780	38,707,610	78,835,263	37,236,983	143,648,741	143,033,102	19
2,025,236	2,516,725	6,610,544	2,220,146	26,037,617	24,487,687	20
587,445	1,630,277	7,583,060	1,700,649	20,144,427	18,467,506	21
1,224,413	1,179,839	4,604,248	729,257	12,098,782	10,897,541	22
3,837,094	5,326,841	18,797,852	4,650,052	58,280,826	53,852,734	30
6,337,184	-	2,536,028	27,337,444	36,341,974	34,608,544	31
-	-	240,639	-	241,750	88,879	32
10,174,278	5,326,841	21,574,519	31,987,496	94,864,550	88,550,157	33
-	115,102	483,973	-	599,075	766,307	34
6,180	- 10,816	- 3,651	- 63,512	- 35,828	168,468	35
427,530	909,729	109,567	298,326	2,671,670	2,125,732	36
- 214,023	- 139,216	- 386,113	240,948	- 1,548,313	3,804,867	37
10,393,965	6,201,640	21,778,295	32,463,258	96,551,154	95,415,531	39
18,781,454	29,119,795	52,962,187	-	...	...	40
3,552,361	2,637,204	501,565	4,625,347	35,182,609	34,377,018	41
-	748,971	3,593,216	148,378	11,914,978	13,240,553	42
32,727,780	38,707,610	78,835,263	37,236,983	143,648,741	143,033,102	49

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1964

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	8,082,197				
1b	Processing plants	59,356,924				
2	By distribution systems:					
2a	Fields	8,618,465				
2b	Processing plants	14,340,369				
3	Total (1 + 2)	90,397,955				
4	Imports	12,330				
5	Other receipts(1)	65,536				
6	Total net receipts (3 + 4 + 5)	90,475,821				
7	Received from storage	6,075,333				
9	Total supply of gas utilities (6 + 7)	96,551,154				
	Transfers from:					
11	Other provinces .....	...			
12	Distribution to transport (primary)	1,115,736				
13	Other gas utilities	45,981,851				
19	Total gross receipts (9 + 11 + 12 + 13) ...	143,648,741				
	<u>Disposition</u>					
	Sales:					
20	Residential	26,037,617				
21	Industrial	20,144,427				
22	Commercial	12,098,782				
30	Total sales (20 + 21 + 22)	58,280,826				
31	Exports	36,341,974				
32	Other deliveries	241,750				
33	Total net deliveries (30 + 31 + 32)	94,864,550				
34	Delivered to storage	599,075				
35	Line pack fluctuation	- 35,828				
36	Gas used in system	2,671,670				
37	Line losses and unaccounted for	- 1,548,313				
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	96,551,154				
	Transfers to:					
40	Other provinces .....	...			
41	Distribution by transport (primary)	35,182,609				
42	Other gas utilities	11,914,978				
49	Total disposition (39 + 40 + 41 + 42)	143,648,741				

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

r Revised figures.

TABLE 3. Receipts and Disposition of Natural Gas by Source

January 1964

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	7,703,544	378,653	...	8,082,197
1b	Processing plants	-	-	-	48,418,849	10,938,075	...	59,356,924
2	By distribution systems:							
2a	Fields	13,507	1,153,281	771,451	6,666,063	14,163	...	8,618,465
2b	Processing plants	-	-	2,511,677	11,752,506	76,186	...	14,340,369
3	Total (1 + 2)	13,507	1,153,281	3,283,128	74,540,962	11,407,077	...	90,397,955
4	Imports .....	...	...	...	...	...	12,330	12,330
5	Other receipts (1)	-	770	-	64,766	-	...	65,536
6	Total net receipts (3 + 4 + 5)	13,507	1,154,051	3,283,128	74,605,728	11,407,077	12,330	90,475,821
7	Received from storage	-	5,764,984	132,301	178,048	-	...	6,075,333
9	Total supply of gas utilities (6 + 7)	13,507	6,919,035	3,415,429	74,783,776	11,407,077	12,330	96,551,154
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	1,078,105	3,571,947	-	4,650,052
24	Alberta	-	-	-	18,785,522	-	12,330	18,797,852
25	Saskatchewan	-	-	2,951,269	2,375,572	-	-	5,326,841
26	Manitoba	-	-	472,773	3,364,321	-	-	3,837,094
27	Ontario	-	6,838,034	-	16,052,651	-	-	22,890,685
28	Quebec	-	-	-	2,770,552	-	-	2,770,552
29	New Brunswick	7,750	-	-	-	-	-	7,750
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	7,750	6,838,034	3,424,042	44,426,723	3,571,947	12,330	58,280,826
31	Exports	-	-	-	28,834,295	7,507,679	...	36,341,974
32	Other deliveries	-	-	-	241,750	-	...	241,750
33	Total net deliveries (30 + 31 + 32)	7,750	6,838,034	3,424,042	73,502,768	11,079,626	12,330	94,864,550
34	Delivered to storage	-	-	115,102	483,973	-	-	599,075
35	Line pack fluctuation	-	-	- 19,056	30,122	- 46,894	-	- 35,828
36	Gas used in system	-	35,278	54,671	2,366,763	214,958	-	2,671,670
37	Line losses and unaccounted for	5,757	45,723	- 159,330	- 1,599,850	159,387	-	- 1,548,313
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	13,507	6,919,035	3,415,429	74,783,776	11,407,077	12,330	96,551,154

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

January 1964

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
January 1964:			
Daily average	2,307,245	1,880,027	3,079,472
Maximum(1)	2,732,436	...	...
Minimum(1)	2,087,418	...	...
Exports maximum(1)	1,215,165	...	1,215,165
January 1963 ^r :			
Daily average	2,225,341	1,898,475	2,881,176
Maximum(1)	2,627,885	...	...
Minimum(1)	1,945,291	...	...
Year to date 1964:			
Daily average	2,307,245	1,880,027	3,079,472
Maximum(1)	2,732,436	...	...
Minimum(1)	2,087,418	...	...
Commodity miles:			
Mcf. miles (thousands)	58,528,489	..	..
Ton-miles (millions)	1,334	..	..
Line pack:			
Beginning of month (Mcf.)	6,594,431	..	..
End of month (Mcf.)	6,574,984	..	..
Operating revenues	(\$)21,682,861	(\$)41,222,705 ^r	(\$)51,041,410(2)

(1) Non-coincident.

(2) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

^r Revised figures.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

January 1964

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	55,081	283,077
Deliveries to ultimate customers	57,040	265,778
Line pack fluctuations	-	5,424
Gas used in system	- 5,424	3,087
Metering difference, line losses, cyclical billing adjustments and unaccounted for	3,465	8,788
Total disposition	55,081	283,077
Daily average sendout	1,840	8,573
Revenues	(\$)47,151	(\$)200,441

TABLE 6. Exports and Imports to and from the United States

January

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	131,318	-
Ojibway, Ontario	-	-
Emerson, Manitoba	6,337,184	-
Coutts, Alberta	405	12,330
Aden, Alberta	1,546,819	-
Carway, Alberta	988,804	-
Kingsgate, British Columbia - U.S.A. District V South(1)	13,428,098	-
Other U.S.A.	4,510,072	-
Huntingdon, British Columbia	9,399,274	-
Canada - 1964	36,341,974	12,330
1963	34,608,544	213,784

(1) California, Nevada, Arizona.

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GAS UTILITIES
(Transport and Distribution Systems)

(FEBRUARY 1964)

Gas utilities received from field gathering systems and processing plants 83,705,926 Mcf. of natural gas during February 1964. The transport systems accounted for 63,320,161 Mcf., while the distribution systems received 20,385,765 Mcf.; natural gas received from storage was 4,719,049 Mcf. The total supply of gas utilities amounted to 88,453,213 Mcf., 10.8 per cent higher than last year. Of the total supply, 51,252,055 Mcf. were sold to ultimate customers in Canada, a decrease of 1.6 per cent, while exports amounted to 34,210,271 Mcf., an increase of 15.1 per cent over the same month in 1963. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and small deliveries to storage. Natural gas received by distribution systems from transport systems amounted to 32,659,707 Mcf., up 9.9 per cent from last year. For the twelve-month period ended February 1964 exports totalled 365,828,076 Mcf., while net deliveries amounted to 822,164,267 Mcf.

The transport systems which represent virtually all of the major "intercity" movements of natural gas had traffic amounting to 55.6 billion commodity (Mcf.) miles during February compared with 46.3 billion for February 1963. Ton-miles totalled 1,268 million for February 1964. The daily average deliveries of gas utilities amounted to 3.0 million Mcf.

Utility receipts of natural gas produced in Alberta totalled 68.3 billion cubic feet; of this 23.2 per cent was sold to ultimate customers in Alberta, 21.0 per cent in Ontario, 4.4 per cent in Manitoba, 3.8 per cent in Quebec, 2.7 per cent in Saskatchewan and 1.5 per cent in British Columbia. In Table 3 gas received from and delivered to storage is considered as having originated or terminated in the province where the storage is located.

Revenue for the natural gas utilities for the month was \$46,449,556 and for manufactured and liquefied petroleum gases systems \$227,646, giving a combined Gas Utilities total of \$46,677,202.

All gas volumes are given in cubic feet measured at 14.73 p.s.i.a. and 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports in cubic feet containing 1,000 B.T.U.'s at 14.73 p.s.i.a. and 60°F are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas," Catalogue number 45-005.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" included cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production," Catalogue number 26-006 gives the Supply and Disposition of Natural Gas by Source.

Industry Division

June 1964
5511-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

February 1964

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	12,259	-	1,886,872
2b	Processing plants	-	-	-
3	Total (1 + 2)	12,259	-	1,886,872
4	Imports	-	-	-
5	Other receipts(1)	-	-	-
6	Total net receipts (3 + 4 + 5)	12,259	-	1,886,872
7	Received from storage	-	-	4,539,092
9	Total supply of gas utilities (6 + 7)	12,259	-	6,425,964
	Transfers from:			
11	Other provinces	-	2,670,638	18,059,293
12	Distribution to transport (primary)	-	-	-
13	Other gas utilities	-	2,670,638	27,927,281
19	Total gross receipts (9 + 11 + 12 + 13) ...	12,259	5,341,276	52,412,538
	<u>Disposition</u>			
	Sales:			
20	Residential	6,720	1,178,669	9,981,504
21	Industrial	-	1,128,365	7,222,960
22	Commercial	-	272,455	3,539,715
30	Total sales (20 + 21 + 22)	6,720	2,579,489	20,744,179
31	Exports	-	-	129,363
32	Other deliveries	-	-	1,000
33	Total net deliveries (30 + 31 + 32)	6,720	2,579,489	20,874,542
34	Delivered to storage	-	-	-
35	Line pack fluctuation	-	- 500	- 15,280
36	Gas used in system	-	6,594	926,306
37	Line losses and unaccounted for	5,539	85,055	29,051
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	12,259	2,670,638	21,814,619
	Transfers to:			
40	Other provinces	-	-	2,670,638
41	Distribution by transport (primary)	-	2,670,638	19,909,578
42	Other gas utilities	-	-	8,017,703
49	Total disposition (39 + 40 + 41 + 42)	12,259	5,341,276	52,412,538

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

r Revised figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

February 1964

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	February ^r		No.
					1963		
					Canada		
Mcf.							
-	-	7,167,810	368,761	7,536,571	6,975,186	1a	
-	-	45,692,117	10,091,473	55,783,590	46,361,765	1b	
-	643,944	5,153,114	12,850	7,709,039	9,019,509	2a	
-	2,411,347	10,209,184	56,195	12,676,726	11,793,273	2b	
-	3,055,291	68,222,225	10,529,279	83,705,926	74,149,733	3	
-	-	9,898	-	9,898	166,149	4	
9,442	-	8,898	-	18,340	40,522	5	
9,442	3,055,291	68,241,021	10,529,279	83,734,164	74,356,404	6	
-	110,269	69,688	-	4,719,049	5,486,862	7	
9,442	3,165,560	68,310,709	10,529,279	88,453,213	79,843,266	9	
27,792,694	30,052,485	-	19,976,762	...	...	11
-	712,326	353,347	-	1,065,673	4,737,209	12	
3,335,973	2,095,456	3,221,839	4,259,703	43,510,890	38,021,384	13	
31,138,109	36,025,827	71,885,895	34,765,744	133,029,776	122,601,859	19	
1,661,669	2,017,578	5,278,553	1,951,839	22,076,532	24,217,941	20	
700,376	1,405,460	6,899,234	1,592,130	18,948,525	17,030,474	21	
1,084,371	945,964	3,724,211	660,282	10,226,998	10,826,176	22	
3,446,416	4,369,002	15,901,998	4,204,251	51,252,055	52,074,591	30	
5,961,799	-	2,230,126	25,888,983	34,210,271	29,721,885	31	
-	-	210,370	-	211,370	65,370	32	
9,408,215	4,369,002	18,342,494	30,093,234	85,673,696	81,861,846	33	
-	264,829	479,448	-	744,277	580,226	34	
- 3,930	- 5,234	10,860	24,621	10,537	- 110,881	35	
429,251	908,980	105,206	269,317	2,645,654	1,883,954	36	
- 90,693	- 112,226	- 656,546	118,869	- 620,951	- 4,371,879	37	
9,742,843	5,425,351	18,281,462	30,506,041	88,453,213	79,843,266	39	
18,059,293	27,792,694	50,029,247	-	...	...	40
3,335,973	2,095,456	486,946	4,161,116	32,659,707	29,710,223	41	
-	712,326	3,088,240	98,587	11,916,856	13,048,370	42	
31,138,109	36,025,827	71,885,895	34,765,744	133,029,776	122,601,859	49	

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1964

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	8,082,197	7,536,571			
1b	Processing plants	59,356,924	55,783,590			
2	By distribution systems:					
2a	Fields	8,618,465	7,709,039			
2b	Processing plants	14,340,369	12,676,726			
3	Total (1 + 2)	90,397,955	83,705,926			
4	Imports	12,330	9,898			
5	Other receipts(1)	65,536	18,340			
6	Total net receipts (3 + 4 + 5)	90,475,821	83,734,164			
7	Received from storage	6,075,333	4,719,049			
9	Total supply of gas utilities (6 + 7)	96,551,154	88,453,213			
	Transfers from:					
11	Other provinces .....	...	...	
12	Distribution to transport (primary)	1,115,736	1,065,673			
13	Other gas utilities	45,981,851	43,510,890			
19	Total gross receipts (9 + 11 + 12 + 13) ...	143,648,741	133,029,776			
	<u>Disposition</u>					
	Sales:					
20	Residential	26,037,617	22,076,532			
21	Industrial	20,144,427	18,948,525			
22	Commercial	12,098,782	10,226,998			
30	Total sales (20 + 21 + 22)	58,280,826	51,252,055			
31	Exports	36,341,974	34,210,271			
32	Other deliveries	241,750	211,370			
33	Total net deliveries (30 + 31 + 32)	94,864,550	85,673,696			
34	Delivered to storage	599,075	744,277			
35	Line pack fluctuation	- 35,828	10,537			
36	Gas used in system	2,671,670	2,645,654			
37	Line losses and unaccounted for	- 1,548,313	- 620,951			
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	96,551,154	88,453,213			
	Transfers to:					
40	Other provinces .....	...	...	
41	Distribution by transport (primary)	35,182,609	32,659,707			
42	Other gas utilities	11,914,978	11,916,856			
49	Total disposition (39 + 40 + 41 + 42)	143,648,741	133,029,776			

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

r Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1964

June	July	August	September	October	November	December	Year to date		No.
							1964 ^r	1963 ^r	
				Mcf.					
							15,618,768	14,923,591	1a
							115,140,514	100,290,043	1b
							16,327,504	20,949,255	2a
							27,017,095	24,569,715	2b
							174,103,881	160,732,604	3
							22,228	379,933	4
							83,876	123,004	5
							174,209,985	161,235,541	6
							10,794,382	14,023,256	7
							185,004,367	175,258,797	9
							11
							2,181,409	9,012,510	12
							89,492,741	81,363,654	13
							276,678,517	265,634,961	19
							48,114,149	48,705,628	20
							39,092,952	35,497,980	21
							22,325,780	21,723,717	22
							109,532,881	105,927,325	30
							70,552,245	64,330,429	31
							453,120	154,249	32
							180,538,246	170,412,003	33
							1,343,352	1,346,533	34
							- 25,291	57,587	35
							5,317,324	4,009,686	36
							- 2,169,264	- 567,012	37
							185,004,367	175,258,797	39
							40
							67,842,316	64,087,241	41
							23,831,834	26,288,923	42
							276,678,517	265,634,961	49

TABLE 3. Receipts and Disposition of Natural Gas by Source

February 1964

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	7,167,810	368,761	...	7,536,571
1b	Processing plants	-	-	-	45,692,117	10,091,473	...	55,783,590
2	By distribution systems:							
2a	Fields	12,259	1,886,872	643,944	5,153,114	12,850	...	7,709,039
2b	Processing plants	-	-	2,411,347	10,209,184	56,195	...	12,676,726
3	Total (1 + 2)	12,259	1,886,872	3,055,291	68,222,225	10,529,279	...	83,705,926
4	Imports .....	...	...	...	...	...	9,898	9,898
5	Other receipts (1)	-	-	-	18,340	-	...	18,340
6	Total net receipts (3 + 4 + 5)	12,259	1,886,872	3,055,291	68,240,565	10,529,279	9,898	83,734,164
7	Received from storage	-	4,539,092	110,269	69,688	-	...	4,719,049
9	Total supply of gas utilities (6 + 7)	12,259	6,425,964	3,165,560	68,310,253	10,529,279	9,898	88,453,213
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	1,034,721	3,169,530	-	4,204,251
24	Alberta	-	-	-	15,892,100	-	9,898	15,901,998
25	Saskatchewan	-	-	2,514,103	1,854,899	-	-	4,369,002
26	Manitoba	-	-	462,114	2,984,302	-	-	3,446,416
27	Ontario	-	6,402,364	-	14,341,815	-	-	20,744,179
28	Quebec	-	-	-	2,579,489	-	-	2,579,489
29	New Brunswick	6,720	-	-	-	-	-	6,720
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	6,720	6,402,364	2,976,217	38,687,326	3,169,530	9,898	51,252,055
31	Exports	-	-	-	27,200,459	7,009,812	...	34,210,271
32	Other deliveries	-	-	-	211,370	-	...	211,370
33	Total net deliveries (30 + 31 + 32)	6,720	6,402,364	2,976,217	66,099,155	10,179,342	9,898	85,673,696
34	Delivered to storage	-	-	264,829	479,448	-	-	744,277
35	Line pack fluctuation	-	-	6	1,017	11,548	-	10,537
36	Gas used in system	-	37,180	50,479	2,369,769	188,226	-	2,645,654
37	Line losses and unaccounted for	5,539	- 13,580	- 125,971	- 637,102	150,163	-	- 620,951
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	12,259	6,425,964	3,165,560	68,310,253	10,529,279	9,898	88,453,213

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

February 1964

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
February 1964:			
Daily average	2,305,861	1,767,312	2,979,930
Maximum(1)	2,634,737	...	...
Minimum(1)	2,186,067	...	...
Exports maximum(1)	1,216,527	...	1,216,527
February 1963 ^r :			
Daily average	2,122,575	1,859,807	2,944,360
Maximum(1)	2,487,531	...	...
Minimum(1)	1,915,081	...	...
Year to date 1964:			
Daily average	2,306,576	1,825,548	3,031,360
Maximum(1)	2,732,436	...	...
Minimum(1)	2,087,418	...	...
Commodity miles:			
Mcf. miles (thousands)	55,632,078	..	..
Ton-miles (millions)	1,268	..	..
Line pack:			
Beginning of month (Mcf.)	6,574,984	..	..
End of month (Mcf.)	6,594,169	..	..
Operating revenues	(\$)20,563,991	(\$)36,953,097	(\$)46,449,556(2)

(1) Non-coincident.

(2) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

^r Revised figures.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

February 1964

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	53,141	235,523
Deliveries to ultimate customers	53,547	219,483
Line pack fluctuations	-	- 2,810
Gas used in system	2,810	2,944
Metering difference, line losses, cyclical billing adjustments and unaccounted for	- 3,216	15,906
Total disposition	53,141	235,523
Daily average sendout	1,846	7,568
Revenues	(\$)44,477	(\$)183,169

TABLE 6. Exports and Imports to and from the United States

February 1964

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	129,363	-
Ojibway, Ontario	-	-
Emerson, Manitoba	5,961,799	-
Coutts, Alberta	22	9,898
Aden, Alberta	1,382,489	-
Carway, Alberta	847,615	-
Kingsgate, British Columbia - U.S.A. District V South(1)	12,842,988	-
Other U.S.A.	4,219,071	-
Huntingdon, British Columbia	8,826,924	-
Canada - 1964	34,210,271	9,898
1963	29,721,885	166,149

(1) California, Nevada, Arizona.

(DOMINION BUREAU OF STATISTICS)

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GAS UTILITIES
(Transport and Distribution Systems)

MARCH 1964

During March 1964 natural gas received by gas utilities from field gathering systems and processing plants totalled 88,824,582 Mcf. The transport systems accounted for 65,984,407 Mcf., and the distribution systems 22,840,175 Mcf. Receipts of natural gas from storage was 3,700,955 Mcf. The total supply of gas utilities was 92,547,005 Mcf., up 14.2 per cent over March 1963. Of the total supply, 51,704,279 Mcf. were sold to ultimate customers in Canada, an increase of 8.5 per cent, while exports rose 6.5 per cent to 34,637,621 Mcf. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and small deliveries to storage. The distribution systems received from the transport systems 33,754,997 Mcf. of natural gas, an increase of 23.1 per cent. For the twelve-month period ended March 1964 exports totalled 367,945,598 Mcf., while net deliveries amounted to 828,669,099 Mcf.

The transport systems which represent virtually all of the major "intercity" movements of natural gas had traffic amounting to 58.5 billion commodity (Mcf.) miles for March 1964 compared with 50.0 billion for the same month a year ago. Ton-miles totalled 1,334 million for March 1964. The daily average deliveries of gas utilities amounted to 2.8 million Mcf.

Natural gas received by Alberta utilities totalled 72.5 billion cubic feet; of this 22.3 per cent was sold to ultimate customers in Alberta, 20.9 per cent in Ontario, 4.0 per cent in Manitoba, 3.8 per cent in Quebec, 3.2 per cent in Saskatchewan and 1.4 per cent in British Columbia. In Table 3 gas received from and delivered to storage is considered as having originated or terminated in the province where the storage is located.

Revenue for the natural gas utilities for March was \$45,693,881 and for manufactured and liquefied petroleum gases systems \$216,546, giving a combined Gas Utilities total of \$45,910,427.

All gas volumes are given in cubic feet measured at 14.73 p.s.i.a. and 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports in cubic feet containing 1,000 B.T.U.'s at 14.73 p.s.i.a. and 60°F are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue 26-006 gives the Supply and Disposition of Natural Gas by Source.

Industry Division

June 1964
6511-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

March 1964

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	12,420	-	2,191,960
2b	Processing plants	-	-	-
3	Total (1 + 2)	12,420	-	2,191,960
4	Imports	-	-	-
5	Other receipts(1)	-	-	-
6	Total net receipts (3 + 4 + 5)	12,420	-	2,191,960
7	Received from storage	-	-	3,296,057
9	Total supply of gas utilities (6 + 7)	12,420	-	5,488,017
	Transfers from:			
11	Other provinces	-	2,832,858	19,210,755
12	Distribution to transport (primary)	-	-	1,396,608
13	Other gas utilities	-	2,832,858	27,090,487
19	Total gross receipts (9 + 11 + 12 + 13) ...	12,420	5,665,716	53,185,867
	<u>Disposition</u>			
	Sales:			
20	Residential	5,582	1,053,056	9,241,879
21	Industrial	-	1,430,560	8,038,833
22	Commercial	-	283,911	3,310,391
30	Total sales (20 + 21 + 22)	5,582	2,767,527	20,591,103
31	Exports	-	-	173,503
32	Other deliveries	-	-	1,063
33	Total net deliveries (30 + 31 + 32)	5,582	2,767,527	20,765,669
34	Delivered to storage	-	-	35,842
35	Line pack fluctuation	-	- 7,190	- 66,828
36	Gas used in system	-	11,253	1,044,464
37	Line losses and unaccounted for	6,838	61,268	86,767
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	12,420	2,832,858	21,865,914
	Transfers to:			
40	Other provinces	-	-	2,832,858
41	Distribution by transport (primary)	-	2,832,858	19,916,946
42	Other gas utilities	-	-	8,570,149
49	Total disposition (39 + 40 + 41 + 42)	12,420	5,665,716	53,185,867

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

r Revised figures

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

March 1964

Manitoba	Saskatchewan	Alberta ^F	British Columbia	Canada	March ^F 1963	No.
					Canada	
Mcf.						
-	-	7,766,193	356,835	8,123,028	6,682,865	1a
-	-	47,032,677	10,828,702	57,861,379	50,789,042	1b
-	653,230	7,183,646	16,118	10,057,374	7,058,003	2a
-	2,373,414	10,338,770	70,617	12,782,801	12,851,324	2b
-	3,026,644	72,321,286	11,272,272	88,824,582	77,381,234	3
-	-	11,539	-	11,539	987,966	4
1,342	-	8,587	-	9,929	1,002	5
1,342	3,026,644	72,341,412	11,272,272	88,846,050	78,370,202	6
-	281,490	123,408	-	3,700,955	2,646,935	7
1,342	3,308,134	72,464,820	11,272,272	92,547,005	81,017,137	9
29,481,350	32,194,176	-	19,491,035	...	...	11
-	762,389	364,364	-	2,523,361	3,624,455	12
3,519,375	2,553,618	3,582,950	4,558,316	44,137,604	35,730,383	13
33,002,067	38,818,317	76,412,134	35,321,623	139,207,970	120,371,975	19
1,608,089	2,017,351	5,045,270	1,874,466	20,845,693	19,618,195	20
702,528	1,405,383	7,307,391	1,882,476	20,767,171	19,176,060	21
1,073,048	945,890	3,856,824	621,351	10,091,415	8,844,584	22
3,383,665	4,368,624	16,209,485	4,378,293	51,704,279	47,638,839	30
6,291,817	-	2,396,363	25,775,938	34,637,621	32,520,099	31
-	-	389,357	-	390,420	68,550	32
9,675,482	4,368,624	18,995,205	30,154,231	86,732,320	80,227,488	33
-	128,473	500,980	-	665,295	951,620	34
- 13,500	- 18,170	- 32,961	58,257	- 80,392	254,266	35
442,651	939,364	126,620	268,092	2,832,444	1,922,048	36
167,304	602,669	1,189,765	282,727	2,397,338	- 2,338,285	37
10,271,937	6,020,960	20,779,609	30,763,307	92,547,005	81,017,137	39
19,210,755	29,481,350	51,685,211	-	...	...	40
3,519,375	2,553,618	509,840	4,422,360	33,754,997	27,422,291	41
-	762,389	3,437,474	135,956	12,905,968	11,932,547	42
33,002,067	38,818,317	76,412,134	35,321,623	139,207,970	120,371,975	49

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1964

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	8,082,197	7,536,571	8,123,028		
1b	Processing plants	59,356,924	55,783,590	57,861,379		
2	By distribution systems:					
2a	Fields	8,618,465	7,709,039	10,057,374		
2b	Processing plants	14,340,369	12,676,726	12,782,801		
3	Total (1 + 2)	90,397,955	83,705,926	88,824,582		
4	Imports	12,330	9,898	11,539		
5	Other receipts(1)	65,536	18,340	9,929		
6	Total net receipts (3 + 4 + 5)	90,475,821	83,734,164	88,846,050		
7	Received from storage	6,075,333	4,719,049	3,700,955		
9	Total supply of gas utilities (6 + 7)	96,551,154	88,453,213	92,547,005		
	Transfers from:					
11	Other provinces .....	...	...	...
12	Distribution to transport (primary)	1,115,736	1,065,673	2,523,361		
13	Other gas utilities	45,981,851	43,510,890	44,137,604		
19	Total gross receipts (9 + 11 + 12 + 13) ...	143,648,741	133,029,776	139,207,970		
	<u>Disposition</u>					
	Sales:					
20	Residential	26,037,617	22,076,532	20,845,693		
21	Industrial	20,144,427	18,948,525	20,767,171		
22	Commercial	12,098,782	10,226,998	10,091,415		
30	Total sales (20 + 21 + 22)	58,280,826	51,252,055	51,704,279		
31	Exports	36,341,974	34,210,271	34,637,621		
32	Other deliveries	241,750	211,370	390,420		
33	Total net deliveries (30 + 31 + 32)	94,864,550	85,673,696	86,732,320		
34	Delivered to storage	599,075	744,277	665,295		
35	Line pack fluctuation	- 35,828	10,537	- 80,392		
36	Gas used in system	2,671,670	2,645,654	2,832,444		
37	Line losses and unaccounted for	- 1,548,313	- 620,951	2,397,338		
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	96,551,154	88,453,213	92,547,005		
	Transfers to:					
40	Other provinces .....	...	...	...
41	Distribution by transport (primary)	35,182,609	32,659,707	33,754,997		
42	Other gas utilities	11,914,978	11,916,856	12,905,968		
49	Total disposition (39 + 40 + 41 + 42)	143,648,741	133,029,776	139,207,970		

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

r Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1964

June	July	August	September	October	November	December	Year to date		No.
							1964 ^r	1963 ^r	
				Mcf.					
							23,741,796 173,001,893	21,606,456 151,079,085	1a 1b
							26,384,878 39,799,896	28,007,258 37,421,039	2a 2b
							262,928,463	238,113,838	3
							33,767 93,805	1,367,899 124,006	4 5
							263,056,035	239,605,743	6
							14,495,337	16,670,191	7
							277,551,372	256,275,934	9
							11
							4,704,770 133,630,345	12,636,965 117,094,037	12 13
							415,886,487	386,006,936	19
							68,959,842 59,860,123 32,417,195	68,323,823 54,674,040 30,568,301	20 21 22
							161,237,160	153,566,164	30
							105,189,866 843,540	96,850,528 222,799	31 32
							267,270,566	250,639,491	33
							2,008,647 - 105,683 8,149,768 228,074	2,298,153 311,853 5,931,734 - 2,905,297	34 35 36 37
							277,551,372	256,275,934	39
							40
							101,597,313 36,737,802	91,509,532 38,221,470	41 42
							415,886,487	386,006,936	49

TABLE 3. Receipts and Disposition of Natural Gas by Source

March 1964

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.						
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	7,766,193	356,835	...	8,123,028
1b	Processing plants	-	-	-	47,032,677	10,828,702	...	57,861,379
2	By distribution systems:							
2a	Fields	12,420	2,191,960	653,230	7,183,646	16,118	...	10,057,374
2b	Processing plants	-	-	2,373,414	10,338,770	70,617	...	12,782,801
3	Total (1 + 2)	12,420	2,191,960	3,026,644	72,321,286	11,272,272	...	88,824,582
4	Imports .....	...	...	...	...	...	11,539	11,539
5	Other receipts(1)	-	-	-	9,929	-	...	9,929
6	Total net receipts (3 + 4 + 5)	12,420	2,191,960	3,026,644	72,331,215	11,272,272	11,539	88,846,050
7	Received from storage	-	3,296,057	281,490	123,408	-	...	3,700,955
9	Total supply of gas utilities (6 + 7)	12,420	5,488,017	3,308,134	72,454,623	11,272,272	11,539	92,547,005
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	1,008,656	3,369,637	-	4,378,293
24	Alberta	-	-	-	16,197,946	-	11,539	16,209,485
25	Saskatchewan	-	-	2,045,600	2,323,024	-	-	4,368,624
26	Manitoba	-	-	517,834	2,865,831	-	-	3,383,665
27	Ontario	-	5,469,438	-	15,121,665	-	-	20,591,103
28	Quebec	-	-	-	2,767,527	-	-	2,767,527
29	New Brunswick	5,582	-	-	-	-	-	5,582
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	5,582	5,469,438	2,563,434	40,284,649	3,369,637	11,539	51,704,279
31	Exports	-	-	-	27,167,624	7,469,997	...	34,637,621
32	Other deliveries	-	-	-	390,420	-	...	390,420
33	Total net deliveries (30 + 31 + 32)	5,582	5,469,438	2,563,434	67,842,693	10,839,634	11,539	86,732,320
34	Delivered to storage	-	-	128,473	536,822	-	-	665,295
35	Line pack fluctuation	-	-	- 170	- 128,550	48,328	-	- 80,392
36	Gas used in system	-	70,882	54,064	2,513,382	194,116	-	2,832,444
37	Line losses and unaccounted for	6,838	- 52,303	562,333	1,690,276	190,194	-	2,397,338
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	12,420	5,488,017	3,308,134	72,454,623	11,272,272	11,539	92,547,005

(1) Includes peak shaving and enrichment.

TABLE 4. Operating Statistics: Natural Gas Utilities

March 1964

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
March 1964:			
Daily average	2,206,214	1,667,880	2,819,278
Maximum(1)	2,611,773	...	...
Minimum(1)	1,914,223	...	...
Exports maximum(1)	1,212,073	...	1,212,073
March 1963 ^F :			
Daily average	1,933,626	1,536,737	2,618,681
Maximum(1)	2,317,964	...	...
Minimum(1)	1,702,097	...	...
Year to date 1964:			
Daily average	2,272,387	1,771,837	2,959,112
Maximum(1)	2,732,436	...	...
Minimum(1)	1,914,223	...	...
Commodity miles:			
Mcf. miles (thousands)	58,489,480	..	..
Ton-miles (millions)	1,334	..	..
Line pack:			
Beginning of month (Mcf.)	6,594,169	..	..
End of month (Mcf.)	6,522,974	..	..
Operating revenues	(\$)20,882,060	(\$)35,946,821	(\$)45,693,881(2)

(1) Non-coincident.

(2) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

^F Revised figures.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

March 1964

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	43,795	236,813
Deliveries to ultimate customers	43,515	211,549
Line pack fluctuations	-	4,645
Gas used in system	- 4,645	2,971
Metering difference, line losses, cyclical billing adjustments and unaccounted for	4,925	17,648
Total disposition	43,795	236,813
Daily average sendout	1,404	6,824
Revenues	(\$)40,244	(\$)176,302

TABLE 6. Exports and Imports to and from the United States
March 1964

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	173,503	-
Ojibway, Ontario	-	-
Emerson, Manitoba	6,291,817	-
Coutts, Alberta	353	11,539
Aden, Alberta	1,569,165	-
Carway, Alberta	826,845	-
Kingsgate, British Columbia - U.S.A. District V South(1)	12,272,047	-
Other U.S.A.	4,198,591	-
Huntingdon, British Columbia	9,305,300	-
Canada - 1964	34,637,621	11,539
1963	32,520,099	987,966

(1) California, Nevada, Arizona.

CATALOGUE No.

55-002

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GAS UTILITIES

(Transport and Distribution Systems)

APRIL 1964

During April 1964 field gathering systems and processing plants delivered 77,470,413 Mcf. of natural gas to gas utilities. The transport systems accounted for 59,955,466 Mcf., while the distribution systems received 17,514,947 Mcf.; natural gas received from storage was 1,155,624 Mcf. The total supply of gas utilities amounted to 80,287,332 Mcf., 15.2 per cent higher than last year. Of the total supply, 48,778,056 Mcf. were sold to ultimate customers in Canada, an increase of 21.8 per cent, while exports amounted to 32,295,319 Mcf., an increase of 9.6 per cent over the same month in 1963. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and deliveries to storage. Natural gas received by distribution systems from transport systems amounted to 26,598,833 Mcf., up 16.1 per cent from last year. For the twelve-month period ended April 1964 exports totalled 370,776,857 Mcf., while net deliveries amounted to 840,985,404 Mcf.

The transport systems which represent virtually all of the major "intercity" movements of natural gas had traffic amounting to 55.4 billion commodity (Mcf.) miles during April compared with 46.5 billion for April 1963. Ton-miles totalled 1,262 million for April 1964. The daily average deliveries of gas utilities amounted to 2.8 million Mcf.

Utility receipts of natural gas produced in Alberta totalled 63.7 billion cubic feet; of this 24.9 per cent was sold to ultimate customers in Ontario, 23.2 per cent in Alberta, 4.1 per cent in Quebec, 4.0 per cent in Manitoba, 2.5 per cent in Saskatchewan and 1.3 per cent in British Columbia. In Table 3 gas received from and delivered to storage is considered as having originated or terminated in the province where the storage is located.

Revenue for the natural gas utilities for the month was \$42,632,459 and for manufactured and liquefied petroleum gases systems \$213,505, giving a combined Gas Utilities total of \$42,845,964.

All gas volumes are given in cubic feet measured at 14.73 p.s.i.a. and 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports in cubic feet containing 1,000 B.T.U.'s at 14.73 p.s.i.a. and 60°F are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue number 26-006 gives the Supply and Disposition of Natural Gas by Source.

Industry Division

July 1964
6511-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

April 1964

No.		New Brunswick	Quebec	Ontario
		Mcf.		
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	8,952	-	1,045,233
2b	Processing plants	-	-	-
3	Total (1 + 2)	8,952	-	1,045,233
4	Imports	-	-	1,647,494
5	Other receipts(1)	-	-	-
6	Total net receipts (3 + 4 + 5)	8,952	-	2,692,727
7	Received from storage	-	-	1,101,384
9	Total supply of gas utilities (6 + 7)	8,952	-	3,794,111
	Transfers from:			
11	Other provinces	-	2,681,820	18,535,322
12	Distribution to transport (primary)	-	-	570,194
13	Other gas utilities	-	2,681,820	23,669,665
19	Total gross receipts (9 + 11 + 12 + 13) ...	8,952	5,363,640	46,569,292
	<u>Disposition</u>			
	Sales:			
20	Residential	6,073	771,467	8,208,172
21	Industrial	-	1,654,545	8,691,262
22	Commercial	-	180,028	2,991,101
30	Total sales (20 + 21 + 22)	6,073	2,606,040	19,890,535
31	Exports	-	-	198,486
32	Other deliveries	-	-	523
33	Total net deliveries (30 + 31 + 32)	6,073	2,606,040	20,089,544
34	Delivered to storage	-	-	1,657,688
35	Line pack fluctuation	-	6,775	97,728
36	Gas used in system	-	16,397	883,476
37	Line losses and unaccounted for	2,879	52,608	- 3,080,823
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	8,952	2,681,820	19,647,613
	Transfers to:			
40	Other provinces	-	-	2,681,820
41	Distribution by transport (primary)	-	2,681,820	16,216,469
42	Other gas utilities	-	-	8,023,390
49	Total disposition (39 + 40 + 41 + 42)	8,952	5,363,640	46,569,292

(1) Includes peak shaving and enrichment.

x Revised figures.

... Figures not appropriate or not applicable.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

April 1964

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	April ^r 1963	No.
					Canada	
Mcf.						
-	-	6,872,845	207,002	7,079,847	6,167,559	1a
-	-	43,084,759	9,790,860	52,875,619	45,837,750	1b
-	514,479	5,311,709	10,318	6,890,691	5,215,991	2a
-	2,144,144	8,436,350	43,762	10,624,256	10,595,125	2b
-	2,658,623	63,705,663	10,051,942	77,470,413	67,816,425	3
-	-	7,740	-	1,655,234	1,124,916	4
394	-	5,667	-	6,061	441	5
394	2,658,623	63,719,070	10,051,942	79,131,708	68,941,782	6
-	21,531	32,709	-	1,155,624	773,968	7
394	2,680,154	63,751,779	10,051,942	80,287,332	69,715,750	9
26,854,396	28,946,055	-	17,625,688	...	...	11
-	614,387	312,934	-	1,497,515	2,988,816	12
2,081,948	1,815,760	2,938,796	3,564,135	36,752,124	30,669,258	13
28,936,738	34,056,356	67,003,509	31,241,765	118,536,971	103,373,824	19
1,352,612	1,962,740	4,623,162	1,441,956	18,366,182	13,908,773	20
698,953	1,999,919	6,824,443	1,693,591	21,562,713	19,602,222	21
917,234	937,670	3,321,056	502,072	8,849,161	6,530,644	22
2,968,799	4,900,329	14,768,661	3,637,619	48,778,056	40,041,639	30
5,774,082	-	2,444,441	23,878,310	32,295,319	29,464,060	31
-	-	807,300	-	807,823	59,194	32
8,742,881	4,900,329	18,020,402	27,515,929	81,881,198	69,564,893	33
-	498,896	626,798	-	2,783,382	1,836,791	34
22,215	20,446	1,144	- 55,502	92,806	- 188,432	35
404,210	850,896	121,257	219,308	2,495,544	1,572,385	36
- 849,838	- 1,498,754	- 1,589,565	- 2,105	- 6,965,598	- 3,069,887	37
8,319,468	4,771,813	17,180,036	27,677,630	80,287,332	69,715,750	39
18,535,322	26,854,396	46,571,743	-	...	...	40
2,081,948	1,815,760	314,152	3,488,684	26,598,833	22,906,425	41
-	614,387	2,937,578	75,451	11,650,806	10,751,649	42
28,936,738	34,056,356	67,003,509	31,241,765	118,536,971	103,373,824	49

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1964

No.		January ^F	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	8,082,197	7,536,571	8,123,028	7,079,847	
1b	Processing plants	59,356,924	55,783,590	57,861,379	52,875,619	
2	By distribution systems:					
2a	Fields	8,618,465	7,709,039	10,057,374	6,890,691	
2b	Processing plants	14,340,369	12,676,726	12,782,801	10,624,256	
3	Total (1 + 2)	90,397,955	83,705,926	88,824,582	77,470,413	
4	Imports	12,330	9,898	11,539	1,655,234	
5	Other receipts(1)	65,536	18,340	9,929	6,061	
6	Total net receipts (3 + 4 + 5)	90,475,821	83,734,164	88,846,050	79,131,708	
7	Received from storage	6,075,333	4,719,049	3,700,955	1,155,624	
9	Total supply of gas utilities (6 + 7)	96,551,154	88,453,213	92,547,005	80,287,332	
	Transfers from:					
11	Other provinces .....	...	...	...	...
12	Distribution to transport (primary)	1,115,736	1,065,673	2,523,361	1,497,515	
13	Other gas utilities	45,981,851	43,510,890	44,137,604	36,752,124	
19	Total gross receipts (9 + 11 + 12 + 13) ...	143,648,741	133,029,776	139,207,970	118,536,971	
	<u>Disposition</u>					
	Sales:					
20	Residential	26,037,617	22,076,532	20,845,693	18,366,182	
21	Industrial	20,146,835	18,948,525	20,767,171	21,562,713	
22	Commercial	12,098,782	10,226,998	10,091,415	8,849,161	
30	Total sales (20 + 21 + 22)	58,283,234	51,252,055	51,704,279	48,778,056	
31	Exports	36,341,974	34,210,271	34,637,621	32,295,319	
32	Other deliveries	241,750	211,370	390,420	807,823	
33	Total net deliveries (30 + 31 + 32)	94,866,958	85,673,696	86,732,320	81,881,198	
34	Delivered to storage	599,075	744,277	665,295	2,783,382	
35	Line pack fluctuation	- 35,828	10,537	- 80,392	92,806	
36	Gas used in system	2,671,670	2,645,654	2,832,444	2,495,544	
37	Line losses and unaccounted for	- 1,550,721	- 620,951	2,397,338	- 6,965,598	
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	96,551,154	88,453,213	92,547,005	80,287,332	
	Transfers to:					
40	Other provinces .....	...	...	...	...
41	Distribution by transport (primary)	35,182,609	32,659,707	33,754,997	26,598,833	
42	Other gas utilities	11,914,978	11,916,856	12,905,968	11,650,806	
49	Total disposition (39 + 40 + 41 + 42)	143,648,741	133,029,776	139,207,970	118,536,971	

(1) Includes peak shaving and enrichment.

^F Revised figures.

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1964

June	July	August	September	October	November	December	Year to date		No.
							1964 ^F	1963 ^F	
				Mcf.					
							30,821,643	27,774,015	1a
							225,877,512	196,916,835	1b
							33,275,569	33,223,249	2a
							50,424,152	48,016,164	2b
							340,398,876	305,930,263	3
							1,689,001	2,492,815	4
							99,866	124,447	5
							342,187,743	308,547,525	6
							15,650,961	17,444,159	7
							357,838,704	325,991,684	9
							11
							6,202,285	15,625,781	12
							170,382,469	147,763,295	13
							534,423,458	489,380,760	19
							87,326,024	82,232,596	20
							81,425,244	74,276,262	21
							41,266,356	37,098,945	22
							210,017,624	193,607,803	30
							137,485,185	126,314,588	31
							1,651,363	281,993	32
							349,154,172	320,204,384	33
							4,792,029	4,134,944	34
							- 12,877	123,421	35
							10,645,312	7,504,119	36
							- 6,739,932	- 5,975,184	37
							357,838,704	325,991,684	39
							40
							128,196,146	114,415,957	41
							48,388,608	48,973,119	42
							534,423,458	489,380,760	49

TABLE 3. Receipts and Disposition of Natural Gas by Source

April 1964

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	6,872,845	207,002	...	7,079,847
1b	Processing plants	-	-	-	43,084,759	9,790,860	...	52,875,619
2	By distribution systems:							
2a	Fields	8,952	1,045,233	514,479	5,311,709	10,318	...	6,890,691
2b	Processing plants	-	-	2,144,144	8,436,350	43,762	...	10,624,256
3	Total (1 + 2)	8,952	1,045,233	2,658,623	63,705,663	10,051,942	...	77,470,413
4	Imports .....	...	...	...	...	...	1,655,234	1,655,234
5	Other receipts(1)	-	-	-	6,061	-	...	6,061
6	Total net receipts (3 + 4 + 5)	8,952	1,045,233	2,658,623	63,711,724	10,051,942	1,655,234	79,131,708
7	Received from storage	-	1,101,384	21,531	32,709	-	...	1,155,624
9	Total supply of gas utilities (6 + 7)	8,952	2,146,617	2,680,154	63,744,433	10,051,942	1,655,234	80,287,332
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	849,566	2,788,053	-	3,637,619
24	Alberta	-	-	-	14,760,921	-	7,740	14,768,661
25	Saskatchewan	-	-	3,326,548	1,573,781	-	-	4,900,329
26	Manitoba	-	-	368,989	2,599,810	-	-	2,968,799
27	Ontario	-	2,386,460	-	15,856,581	-	1,647,494	19,890,535
28	Quebec	-	-	-	2,606,040	-	-	2,606,040
29	New Brunswick	6,073	-	-	-	-	-	6,073
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	6,073	2,386,460	3,695,537	38,246,699	2,788,053	1,655,234	48,778,056
31	Exports	-	-	-	25,139,079	7,156,240	...	32,295,319
32	Other deliveries	-	-	-	807,823	-	...	807,823
33	Total net deliveries (30 + 31 + 32)	6,073	2,386,460	3,695,537	64,193,601	9,944,293	1,655,234	81,881,198
34	Delivered to storage	-	-	498,896	2,284,486	-	-	2,783,382
35	Line pack fluctuation	-	-	- 9,174	164,834	- 62,854	-	92,806
36	Gas used in system	-	33,892	42,474	2,262,927	156,251	-	2,495,544
37	Line losses and unaccounted for	2,879	- 273,735	- 1,547,579	- 5,161,415	14,252	-	- 6,965,598
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	8,952	2,146,617	2,680,154	63,744,433	10,051,942	1,655,234	80,287,332

(1) Includes peak shaving and enrichment.
... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

April 1964

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
April 1964:			
Daily average	1,963,138	1,625,935	2,822,153
Maximum(1)	2,513,595	...	...
Minimum(1)	1,873,122	...	...
Exports maximum(1)	1,205,719	...	1,205,719
April 1963 ^r :			
Daily average	1,745,683	1,334,721	2,380,056
Maximum(1)	2,118,938	...	...
Minimum(1)	1,558,838	...	...
Year to date 1964:			
Daily average	2,195,713	1,735,683	2,925,175
Maximum(1)	2,732,436	...	...
Minimum(1)	1,873,122	...	...
Commodity miles:			
Mcf. miles (thousands)	55,357,990	..	..
Ton-miles (millions)	1,262	..	..
Line pack:			
Beginning of month (Mcf.)	6,522,974	..	..
End of month (Mcf.)	6,621,915	..	..
Operating revenues	(\$)19,660,148	(\$)32,934,709	(\$)42,632,459(2)

(1) Non-coincident.
(2) Interindustry revenues eliminated.
.. Figures not available.
... Figures not appropriate or not applicable.
^r Revised figures.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

April 1964

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	44,063	215,714
Deliveries to ultimate customers	47,259	216,368
Line pack fluctuations	-	- 8,389
Gas used in system	8,389	2,614
Metering difference, line losses, cyclical billing adjustments and unaccounted for	- 11,585	5,121
Total disposition	44,063	215,714
Daily average sendout	1,575	7,212
Revenues	(\$)41,749	(\$)171,756

TABLE 6. Exports and Imports to and from the United States

April 1964

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	198,486	-
Ojibway, Ontario	-	1,647,494(2)
Emerson, Manitoba	5,774,082	-
Coutts, Alberta	219	7,740
Aden, Alberta	1,729,464	-
Carway, Alberta	714,758	-
Kingsgate, British Columbia - U.S.A. District V South(1)	11,114,617	-
Other U.S.A.	3,789,624	-
Huntingdon, British Columbia	8,974,069	-
Canada - 1964	32,295,319	1,655,234
1963	29,464,060	1,124,916

(1) California, Nevada, Arizona.

(2) Includes 559,167 Mcf. entered at customs port of Niagara Falls.

(DOMINION BUREAU OF STATISTICS)

(OTTAWA - CANADA)

(Published by Authority of the Minister of Trade and Commerce)

Vol. 6, No. 5

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GAS UTILITIES

(Transport and Distribution Systems)

MAY 1964

Gas utilities received from field gathering systems and processing plants 69,188,450 Mcf. of natural gas during May 1964. The transport systems accounted for 54,475,146 Mcf., while the distribution systems received 14,713,304 Mcf.; natural gas received from storage was 511,497 Mcf. The total supply of gas utilities amounted to 72,553,591 Mcf., 10.7 per cent higher than last year. Of the total supply, 36,641,931 Mcf. were sold to ultimate customers in Canada, an increase of 6.9 per cent, while exports amounted to 31,550,953 Mcf., up 10.6 per cent over the same month in 1963. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and deliveries to storage. Natural gas received by distribution systems from transport systems amounted to 21,555,551 Mcf., a slight decrease from last year. For the twelve-month period ended May 1964 exports totalled 373,795,530 Mcf., while net deliveries amounted to 846,816,891 Mcf.

The transport systems which represent virtually all of the major "intercity" movements of natural gas had traffic amounting to 52.0 billion commodity (Mcf.) miles during May compared with 46.5 billion last year. Ton-miles totalled 1,185 million for May 1964. The daily average deliveries of gas utilities amounted to 2.4 million Mcf.

Natural gas received by Alberta utilities totalled 56.7 billion cubic feet; of this 20.8 per cent was sold to ultimate customers in Alberta, 16.5 per cent in Ontario, 4.8 per cent in Quebec, 2.8 per cent in Manitoba, 2.1 per cent in Saskatchewan and 1.3 per cent in British Columbia. In Table 3 gas received from and delivered to storage is considered as having originated or terminated in the province where the storage is located.

Revenue for the natural gas utilities for the month was \$31,996,818 and for manufactured and liquefied petroleum gases systems \$181,038, giving a combined Gas Utilities total of \$32,177,856.

All gas volumes are given in cubic feet measured at 14.73 p.s.i.a. and 60°F; that is, without adjustment to a common B.T.U. base. Gas sales and exports in cubic feet containing 1,000 B.T.U.'s at 14.73 p.s.i.a. and 60°F are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue number 26-006 gives the Supply and Disposition of Natural Gas by Source.

Industry Division

August 1964
6511-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

MAY 1964

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	
1b	Processing plants	-	-	
2	By distribution systems:			
2a	Fields	6,973	-	840,958
2b	Processing plants	-	-	-
3	Total (1 + 2)	6,973	-	840,958
4	Imports	-	-	2,843,426
5	Other receipts(1)	-	-	-
6	Total net receipts (3 + 4 + 5)	6,973	-	3,684,384
7	Received from storage	-	-	482,575
9	Total supply of gas utilities (6 + 7)	6,973	-	4,166,959
	Transfers from:			
11	Other provinces	-	2,778,525	15,830,144
12	Distribution to transport (primary)	-	-	2,062,127
13	Other gas utilities	-	2,778,525	19,041,401
19	Total gross receipts (9 + 11 + 12 + 13) ...	6,973	5,557,050	41,100,631
	<u>Disposition</u>			
	Sales:			
20	Residential	5,263	415,158	4,065,919
21	Industrial	-	2,178,535	7,900,887
22	Commercial	-	118,584	1,632,737
30	Total sales (20 + 21 + 22)	5,263	2,712,277	13,599,543
31	Exports	-	-	159,633
32	Other deliveries	-	-	125
33	Total net deliveries (30 + 31 + 32)	5,263	2,712,277	13,759,301
34	Delivered to storage	-	-	4,297,856
35	Line pack fluctuation	-	906	- 35,911
36	Gas used in system	-	8,364	646,939
37	Line losses and unaccounted for	1,710	56,978	- 1,449,607
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	6,973	2,778,525	17,218,578
	Transfers to:			
40	Other provinces	-	-	2,778,525
41	Distribution by transport (primary)	-	2,778,525	12,805,087
42	Other gas utilities	-	-	8,298,441
49	Total disposition (39 + 40 + 41 + 42)	6,973	5,557,050	41,100,631

(1) Includes peak shaving and enrichment.

* Figures not appropriate or not applicable.

† Revised figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

May 1964

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	May ^r 1963	No.
					Canada	
Mcf.						
-	-	5,908,338	89,220	5,997,558	5,193,783	1a
-	-	39,325,170	9,152,418	48,477,588	44,685,121	1b
-	409,472	2,970,843	10,392	4,238,638	4,350,921	2a
-	1,991,336	8,452,497	30,833	10,474,666	10,262,912	2b
-	2,400,808	56,656,848	9,282,863	69,188,450	64,492,737	3
-	-	5,000	-	2,848,426	875,595	4
485	-	4,733	-	5,218	17,726	5
485	2,400,808	56,666,581	9,282,863	72,042,094	65,386,058	6
-	-	28,922	-	511,497	152,844	7
485	2,400,808	56,695,503	9,282,863	72,553,591	65,538,902	9
23,255,429	24,981,109	-	17,277,897	...	...	11
-	445,375	318,956	-	2,826,458	3,874,610	12
1,311,849	1,443,436	2,845,580	3,085,096	30,505,887	28,038,503	13
24,567,763	29,270,728	59,860,039	29,645,856	105,885,936	97,452,015	19
641,537	1,131,581	2,824,893	966,082	10,050,433	9,552,827	20
651,896	1,984,564	6,959,967	1,778,298	21,454,147	20,192,971	21
462,835	544,268	2,030,727	348,200	5,137,351	4,534,231	22
1,756,268	3,660,413	11,815,587	3,092,580	36,641,931	34,280,029	30
5,715,720	-	2,531,359	23,144,241	31,550,953	28,532,280	31
-	-	507,103	-	507,228	56,316	32
7,471,988	3,660,413	14,854,049	26,236,821	68,700,112	62,868,625	33
-	529,844	708,797	-	5,536,497	3,655,424	34
- 10,395	- 11,762	- 78,320	120,508	- 14,974	- 72,489	35
287,588	608,094	79,505	176,285	1,806,775	1,508,466	36
- 323,411	- 660,101	- 1,127,534	27,146	- 3,474,819	- 2,421,124	37
7,425,770	4,126,488	14,436,497	26,560,760	72,553,591	65,538,902	39
15,830,144	23,255,429	42,259,006	-	...	...	40
1,311,849	1,443,436	192,647	3,024,007	21,555,551	21,685,393	41
-	445,375	2,971,889	61,089	11,776,794	10,227,720	42
24,567,763	29,270,728	59,860,039	29,645,856	105,885,936	97,452,015	49

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1964

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	8,082,197	7,536,571	8,123,028	7,079,847	5,997,558
1b	Processing plants	59,356,924	55,783,590	57,861,379	52,875,619	48,477,588
2	By distribution systems:					
2a	Fields	8,618,465	7,709,039	10,057,374	6,890,691	4,238,638
2b	Processing plants	14,340,369	12,676,726	12,782,801	10,624,256	10,474,666
3	Total (1 + 2)	90,397,955	83,705,926	88,824,582	77,470,413	69,188,450
4	Imports	12,330	9,898	11,539	1,655,234	2,848,426
5	Other receipts(1)	65,536	18,340	9,929	6,061	5,218
6	Total net receipts (3 + 4 + 5)	90,475,821	83,734,164	88,846,050	79,131,708	72,042,094
7	Received from storage	6,075,333	4,719,049	3,700,955	1,155,624	511,497
9	Total supply of gas utilities (6 + 7)	96,551,154	88,453,213	92,547,005	80,287,332	72,553,591
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary)	1,115,736	1,065,673	2,523,361	1,497,515	2,826,458
13	Other gas utilities	45,981,851	43,510,890	44,137,604	36,752,124	30,505,887
19	Total gross receipts (9 + 11 + 12 + 13) ...	143,648,741	133,029,776	139,207,970	118,536,971	105,885,936
	<u>Disposition</u>					
	Sales:					
20	Residential	26,037,617	22,076,532	20,845,693	18,366,182	10,050,433
21	Industrial	20,146,835	18,948,525	20,767,171	21,562,713	21,454,147
22	Commercial	12,098,782	10,226,998	10,091,415	8,849,161	5,137,351
30	Total sales (20 + 21 + 22) ...	58,283,234	51,252,055	51,704,279	48,778,056	36,641,931
31	Exports	36,341,974	34,210,271	34,637,621	32,295,319	31,550,953
32	Other deliveries	241,750	211,370	390,420	807,823	507,228
33	Total net deliveries (30 + 31 + 32)	94,866,958	85,673,696	86,732,320	81,881,198	68,700,112
34	Delivered to storage	599,075	744,277	665,295	2,783,382	5,536,497
35	Line pack fluctuation	- 35,828	10,537	- 80,392	92,806	- 14,974
36	Gas used in system	2,671,670	2,645,654	2,832,444	2,495,544	1,806,775
37	Line losses and unaccounted for	- 1,550,721	- 620,951	2,397,338	- 6,965,598	- 3,474,819
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	96,551,154	88,453,213	92,547,005	80,287,332	72,553,591
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary)	35,182,609	32,659,707	33,754,997	26,598,833	21,555,551
42	Other gas utilities	11,914,978	11,916,856	12,905,968	11,650,806	11,776,794
49	Total disposition (39 + 40 + 41 + 42)	143,648,741	133,029,776	139,207,970	118,536,971	105,885,936

(1) Includes peak shaving and enrichment.

x Revised figures.

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1964

June	July	August	September	October	November	December	Year to date		No.
							1964	1963 ^r	
				Mcf.					
							36,819,201 274,355,100	32,967,798 241,601,956	1a 1b
							37,514,207 60,898,818	37,574,170 58,279,076	2a 2b
							409,587,326	370,423,000	3
							4,537,427 105,084	3,368,410 142,173	4 5
							414,229,837	373,933,583	6
							16,162,458	17,597,003	7
							430,392,295	391,530,586	9
							9,028,743 200,888,356	19,500,391 175,801,798	11 12 13
							640,309,394	586,832,775	19
							97,376,457 102,879,391 46,403,707	91,785,423 94,469,233 41,633,176	20 21 22
							246,659,555	227,887,832	30
							169,036,138 2,158,591	154,846,868 338,309	31 32
							417,854,284	383,073,009	33
							10,328,526 - 27,851	7,790,368 50,932	34 35
							12,452,087 - 10,214,751	9,012,585 - 8,396,308	36 37
							430,392,295	391,530,586	39
							149,751,697 60,165,402	136,101,350 59,200,839	40 41 42
							640,309,394	586,832,775	49

TABLE 3. Receipts and Disposition of Natural Gas by Source

May 1964

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	5,908,338	89,220	...	5,997,558
1b	Processing plants	-	-	-	39,325,170	9,152,418	...	48,477,588
2	By distribution systems:							
2a	Fields	6,973	840,958	409,472	2,970,843	10,392	...	4,238,638
2b	Processing plants	-	-	1,991,336	8,452,497	30,833	...	10,474,666
3	Total (1 + 2)	6,973	840,958	2,400,808	56,656,848	9,282,863	...	69,188,450
4	Imports .....	...	...	...	...	...	2,848,426	2,848,426
5	Other receipts(1)	-	-	-	5,218	-	...	5,218
6	Total net receipts (3 + 4 + 5)	6,973	840,958	2,400,808	56,662,066	9,282,863	2,848,426	72,042,094
7	Received from storage	-	482,575	-	28,922	-	...	511,497
9	Total supply of gas utilities (6 + 7)	6,973	1,323,533	2,400,808	56,690,988	9,282,863	2,848,426	72,553,591
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	750,075	2,342,505	-	3,092,580
24	Alberta	-	-	-	11,810,587	-	5,000	11,815,587
25	Saskatchewan	-	-	2,488,972	1,171,441	-	-	3,660,413
26	Manitoba	-	-	167,775	1,588,493	-	-	1,756,268
27	Ontario	-	1,391,457	-	9,364,660	-	2,843,426	13,599,543
28	Quebec	-	-	-	2,712,277	-	-	2,712,277
29	New Brunswick	5,263	-	-	-	-	-	5,263
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	5,263	1,391,457	2,656,747	27,397,533	2,342,505	2,848,426	36,641,931
31	Exports	-	-	-	24,842,380	6,708,573	...	31,550,953
32	Other deliveries	-	-	-	507,228	-	...	507,228
33	Total net deliveries (30 + 31 + 32)	5,263	1,391,457	2,656,747	52,747,141	9,051,078	2,848,426	68,700,112
34	Delivered to storage	-	-	529,844	5,006,653	-	-	5,536,497
35	Line pack fluctuation	-	-	2,098	- 147,593	130,521	-	- 14,974
36	Gas used in system	-	29,026	32,917	1,628,848	115,984	-	1,806,775
37	Line losses and unaccounted for	1,710	- 96,950	- 820,798	- 2,544,061	- 14,720	-	- 3,474,819
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	6,973	1,323,533	2,400,808	56,690,988	9,282,863	2,848,426	72,553,591

(1) Includes peak shaving and enrichment.
... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

May 1964

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
May 1964:			
Daily average	1,713,113	1,181,998	2,394,729
Maximum(1)	2,198,750	...	...
Minimum(1)	1,524,682	...	...
Exports maximum(1)	1,128,136	...	1,128,136
May 1963 ^F :			
Daily average	1,619,925	1,105,807	2,145,937
Maximum(1)	1,906,963	...	...
Minimum(1)	1,420,354	...	...
Year to date 1964:			
Daily average	2,097,288	1,622,760	2,816,992
Maximum(1)	2,732,436	...	...
Minimum(1)	1,524,682	...	...
Commodity miles:			
Mcf. miles (thousands)	51,975,607	..	..
Ton-miles (millions)	1,185	..	..
Line pack:			
Beginning of month (Mcf.)	6,621,915	..	..
End of month (Mcf.)	6,596,251	..	..
Operating revenues	(\$ 17,856,260	(\$ 22,791,448	(\$ 31,996,818(2)

(1) Non-coincident.

(2) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

^F Revised figures.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

May 1964

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	50,082	167,826
Deliveries to ultimate customers	51,240	161,256
Line pack fluctuations	-	- 1,565
Gas used in system	1,565	2,399
Metering difference, line losses, cyclical billing adjustments and unaccounted for	- 2,723	5,736
Total disposition	50,082	167,826
Daily average sendout	1,653	5,202
Revenues	(\$ 40,813	(\$ 140,225

TABLE 6. Exports and Imports to and from the United States

May 1964

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	159,633	-
Ojibway, Ontario	-	2,843,426(2)
Emerson, Manitoba	5,715,720	-
Coutts, Alberta	11	5,000
Aden, Alberta	1,634,626	-
Carway, Alberta	896,722	-
Kingsgate, British Columbia - U.S.A. District V South(1)	11,537,348	-
Other U.S.A.	3,174,929	-
Huntingdon, British Columbia	8,431,964	-
Canada - 1964	31,550,953	2,848,426
1963	28,532,280	875,595

(1) California, Nevada, Arizona.

(2) Includes 1,951,007 Mcf. entered at customs port of Niagara Falls.

CATALOGUE No.

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GAS UTILITIES

(Transport and Distribution Systems)

JUNE 1964

During June 1964 natural gas received by gas utilities from field gathering systems and processing plants totalled 64,437,976 Mcf. The transport systems accounted for 51,917,363 Mcf., and the distribution systems 12,520,613 Mcf. Receipts of natural gas from storage was 125,708 Mcf. The total supply of gas utilities was 65,392,635 Mcf., up 10.6 per cent over June 1963. Of the total supply, 31,546,602 Mcf. were sold to ultimate customers in Canada, an increase of 13.7 per cent, while exports rose 11.4 per cent to 29,084,975 Mcf. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and deliveries to storage. The distribution systems received from the transport systems 19,896,518 Mcf. of natural gas, an increase of 17.4 per cent. For the twelve-month period ended June 1964 exports totalled 376,762,197 Mcf., while net deliveries amounted to 854,054,191 Mcf.

The transport systems which represent virtually all of the major "intercity" movements of natural gas had traffic amounting to 50.0 billion commodity (Mcf.) miles during June compared with 43.9 billion last year. Ton-miles totalled 1,139 million for June 1964. The daily average deliveries of gas utilities amounted to 2.2 million Mcf.

Utility receipts of natural gas produced in Alberta totalled 54.7 billion cubic feet; of this 21.0 per cent was sold to ultimate customers in Ontario, 17.0 per cent in Alberta, 5.0 per cent in Quebec, 1.9 per cent in Saskatchewan, 1.7 per cent in Manitoba and 1.1 per cent in British Columbia. In Table 3 gas received from and delivered to storage is considered as having originated or terminated in the province where the storage is located.

Revenue for the natural gas utilities for the month was \$26,645,047 and for manufactured and liquefied petroleum gases systems \$154,381, giving a combined Gas Utilities total of \$26,799,428.

All gas volumes are given in cubic feet measured at 14.73 p.s.i.a. and 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports in cubic feet containing 1,000 B.T.U.'s at 14.73 p.s.i.a. and 60°F are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue number 26-006 gives the Supply and Disposition of Natural Gas by Source.

Industry Division

September 1964
6511-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

June 1964

No.		New ^r Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	6,293	-	764,647
2b	Processing plants	-	-	-
3	Total (1 + 2)	6,293	-	764,647
4	Imports	-	-	823,719
5	Other receipts(1)	-	-	-
6	Total net receipts (3 + 4 + 5)	6,293	-	1,588,366
7	Received from storage	-	-	106,541
9	Total supply of gas utilities (6 + 7)	6,293	-	1,694,907
	Transfers from:			
11	Other provinces	-	2,771,472	17,305,176
12	Distribution to transport (primary)	-	-	1,309,986
13	Other gas utilities	-	2,771,472	18,068,401
19	Total gross receipts (9 + 11 + 12 + 13) ...	6,293	5,542,944	38,378,470
	<u>Disposition</u>			
	Sales:			
20	Residential	4,285	294,988	2,635,517
21	Industrial	-	2,356,305	9,422,217
22	Commercial	-	113,590	1,132,816
30	Total sales (20 + 21 + 22)	4,285	2,764,883	13,190,550
31	Exports	-	-	146,791
32	Other deliveries	-	-	24
33	Total net deliveries (30 + 31 + 32)	4,285	2,764,883	13,337,365
34	Delivered to storage	-	-	3,049,512
35	Line pack fluctuation	-	- 856	51,956
36	Gas used in system	-	4,485	796,047
37	Line losses and unaccounted for	2,008	2,960	- 1,006,269
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	6,293	2,771,472	16,228,611
	Transfers to:			
40	Other provinces	-	-	2,771,472
41	Distribution by transport (primary)	-	2,771,472	12,546,819
42	Other gas utilities	-	-	6,831,568
49	Total disposition (39 + 40 + 41 + 42)	6,293	5,542,944	38,378,470

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

^r Revised figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

June 1964

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	June ^r 1963	No.
					Canada	
Mcf.						
-	-	5,173,113	189,400	5,362,513	4,233,254	1a
-	-	39,645,635	6,909,215	46,554,850	41,084,269	1b
-	351,745	2,255,980	8,383	3,387,048	3,383,024	2a
-	1,546,431	7,573,011	14,123	9,133,565	9,546,146	2b
-	1,898,176	54,647,739	7,121,121	64,437,976	58,246,693	3
-	-	2,726	-	826,445	828,262	4
402	-	2,104	-	2,506	4,042	5
402	1,898,176	54,652,569	7,121,121	65,266,927	59,078,997	6
-	6,582	12,585	-	125,708	39,489	7
402	1,904,758	54,665,154	7,121,121	65,392,635	59,118,486	9
24,224,355	25,767,306	-	16,609,330	...	...	11
-	477,147	339,781	-	2,126,914	4,400,065	12
1,035,347	1,230,697	2,555,426	2,204,385	27,865,728	24,171,023	13
25,260,104	29,379,908	57,560,361	25,934,836	95,385,277	87,689,574	19
349,360	593,756	1,553,312	611,012	6,042,230	5,602,252	20
642,676	2,014,436	6,539,537	1,363,699	22,338,870	19,364,972	21
238,220	243,986	1,203,792	233,098	3,165,502	2,786,605	22
1,230,256	2,852,178	9,296,641	2,207,809	31,546,602	27,753,829	30
5,466,960	-	2,137,983	21,333,241	29,084,975	26,118,308	31
-	-	530,422	-	530,446	52,586	32
6,697,216	2,852,178	11,965,046	23,541,050	61,162,023	53,924,723	33
-	366,627	681,662	-	4,097,801	5,862,640	34
11,985	- 5,208	- 10,989	- 89,128	- 42,240	- 159,822	35
341,842	726,285	75,974	140,474	2,085,107	1,475,841	36
- 131,462	- 492,173	- 423,175	138,055	- 1,910,056	- 1,984,896	37
6,919,581	3,447,709	12,288,518	23,730,451	65,392,635	59,118,486	39
17,305,176	24,224,355	42,376,636	-	...	...	40
1,035,347	1,230,697	144,114	2,168,069	19,896,518	16,947,007	41
-	477,147	2,751,093	36,316	10,096,124	11,624,081	42
25,260,104	29,379,908	57,560,361	25,934,836	95,385,277	87,689,574	49

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1964

No.		Mcf.				
		January	February	March	April	May
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	8,082,197	7,536,571	8,123,028	7,079,847	5,997,558
1b	Processing plants	59,356,924	55,783,590	57,861,379	52,875,619	48,477,588
2	By distribution systems:					
2a	Fields	8,618,465	7,709,039	10,057,374	6,890,691	4,238,638
2b	Processing plants	14,340,369	12,676,726	12,782,801	10,624,256	10,474,666
3	Total (1 + 2)	90,397,955	83,705,926	88,824,582	77,470,413	69,188,450
4	Imports	12,330	9,898	11,539	1,655,234	2,848,426
5	Other receipts(1)	65,536	18,340	9,929	6,061	5,218
6	Total net receipts (3 + 4 + 5)	90,475,821	83,734,164	88,846,050	79,131,708	72,042,094
7	Received from storage	6,075,333	4,719,049	3,700,955	1,155,624	511,497
9	Total supply of gas utilities (6 + 7)	96,551,154	88,453,213	92,547,005	80,287,332	72,553,591
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary)	1,115,736	1,065,673	2,523,361	1,497,515	2,826,458
13	Other gas utilities	45,981,851	43,510,890	44,137,604	36,752,124	30,505,887
19	Total gross receipts (9 + 11 + 12 + 13) ...	143,648,741	133,029,776	139,207,970	118,536,971	105,885,936
	<u>Disposition</u>					
	Sales:					
20	Residential	26,037,617	22,076,532	20,845,693	18,366,182	10,050,433
21	Industrial	20,146,835	18,948,525	20,767,171	21,562,713	21,454,147
22	Commercial	12,098,782	10,226,998	10,091,415	8,849,161	5,137,351
30	Total sales (20 + 21 + 22)	58,283,234	51,252,055	51,704,279	48,778,056	36,641,931
31	Exports	36,341,974	34,210,271	34,637,621	32,295,319	31,550,953
32	Other deliveries	241,750	211,370	390,420	807,823	507,228
33	Total net deliveries (30 + 31 + 32)	94,866,958	85,673,696	86,732,320	81,881,198	68,700,112
34	Delivered to storage	599,075	744,277	665,295	2,783,382	5,536,497
35	Line pack fluctuation	- 35,828	10,537	- 80,392	92,806	- 14,974
36	Gas used in system	2,671,670	2,645,654	2,832,444	2,495,544	1,806,775
37	Line losses and unaccounted for	- 1,550,721	- 620,951	2,397,338	- 6,965,598	- 3,474,819
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	96,551,154	88,453,213	92,547,005	80,287,332	72,553,591
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary)	35,182,609	32,659,707	33,754,997	26,598,833	21,555,551
42	Other gas utilities	11,914,978	11,916,856	12,905,968	11,650,806	11,776,794
49	Total disposition (39 + 40 + 41 + 42)	143,648,741	133,029,776	139,207,970	118,536,971	105,885,936

(1) Includes peak shaving and enrichment.

r Revised figures.

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1964

June	July	August	September	October	November	December	Year to date		No.
							1964	1963 ^r	
Mcf.									
5,362,513							42,181,714	37,201,052	1a
46,554,850							320,909,950	282,686,225	1b
3,387,048							40,901,255	40,957,194	2a
9,133,565							70,032,383	67,825,222	2b
64,437,976							474,025,302	428,669,693	3
826,445							5,363,872	4,196,672	4
2,506							107,590	146,215	5
65,266,927							479,496,764	433,012,580	6
125,708							16,288,166	17,636,492	7
65,392,635							495,784,930	450,649,072	9
...							11
2,126,914							11,155,657	23,900,456	12
27,865,728							228,754,084	199,972,821	13
95,385,277							735,694,671	674,522,349	19
6,042,230							103,418,687	97,387,675	20
22,338,870							125,218,261	113,834,205	21
3,165,502							49,569,209	44,419,781	22
31,546,602							278,206,157	255,641,661	30
29,084,975							198,121,113	180,965,176	31
530,446							2,689,037	390,895	32
61,162,023							479,016,307	436,997,732	33
4,097,801							14,426,327	13,653,008	34
- 42,240							- 70,091	- 108,890	35
2,085,107							14,537,194	10,488,426	36
- 1,910,056							- 12,124,807	- 10,381,204	37
65,392,635							495,784,930	450,649,072	39
...							40
19,896,518							169,648,215	153,048,357	41
10,096,124							70,261,526	70,824,920	42
95,385,277							735,694,671	674,522,349	49

TABLE 3. Receipts and Disposition of Natural Gas by Source

June 1964

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	5,173,113	189,400	...	5,362,513
1b	Processing plants	-	-	-	39,645,635	6,909,215	...	46,554,850
2	By distribution systems:							
2a	Fields	6,293	764,647	351,745	2,255,980	8,383	...	3,387,048
2b	Processing plants	-	-	1,546,431	7,573,011	14,123	...	9,133,565
3	Total (1 + 2)	6,293	764,647	1,898,176	54,647,739	7,121,121	...	64,437,976
4	Imports .....	...	...	...	...	...	826,445	826,445
5	Other receipts(1)	-	-	-	2,506	-	...	2,506
6	Total net receipts (3 + 4 + 5)	6,293	764,647	1,898,176	54,650,245	7,121,121	826,445	65,266,927
7	Received from storage	-	106,541	6,582	12,585	-	...	125,708
9	Total supply of gas utilities (6 + 7)	6,293	871,188	1,904,758	54,662,830	7,121,121	826,445	65,392,635
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	579,667	1,628,142	-	2,207,809
24	Alberta	-	-	-	9,293,915	-	2,726	9,296,641
25	Saskatchewan	-	-	1,819,969	1,032,209	-	-	2,852,178
26	Manitoba	-	-	272,984	957,272	-	-	1,230,256
27	Ontario	-	899,783	-	11,467,048	-	823,719	13,190,550
28	Quebec	-	-	-	2,764,883	-	-	2,764,883
29	New Brunswick	4,285	-	-	-	-	-	4,285
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	4,285	899,783	2,092,953	26,094,994	1,628,142	826,445	31,546,602
31	Exports	-	-	-	23,712,272	5,372,703	...	29,084,975
32	Other deliveries	-	-	-	530,446	-	...	530,446
33	Total net deliveries (30 + 31 + 32)	4,285	899,783	2,092,953	50,337,712	7,000,845	826,445	61,162,023
34	Delivered to storage	-	-	366,627	3,731,174	-	-	4,097,801
35	Line pack fluctuation	-	-	- 21,188	35,835	- 56,887	-	- 42,240
36	Gas used in system	-	77,803	42,599	1,885,620	79,085	-	2,085,107
37	Line losses and unaccounted for	2,008	- 106,398	- 576,233	- 1,327,511	98,078	-	- 1,910,056
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	6,293	871,188	1,904,758	54,662,830	7,121,121	826,445	65,392,635

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

June 1964

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
June 1964:			
Daily average	1,632,716	1,051,553	2,175,327
Maximum(1)	2,024,561	...	...
Minimum(1)	1,467,262	...	...
Exports maximum(1)	1,138,625	...	1,138,625
June 1963 ^r :			
Daily average	1,435,511	925,128	1,992,912
Maximum(1)	1,762,660	...	...
Minimum(1)	1,134,536	...	...
Year to date 1964:			
Daily average	2,020,711	1,528,605	2,711,223
Maximum(1)	2,732,436	...	...
Minimum(1)	1,467,262	...	...
Commodity miles:			
Mcf. miles (thousands)	49,965,751	..	..
Ton-miles (millions)	1,139	..	..
Line pack:			
Beginning of month (Mcf.)	6,596,251	..	..
End of month (Mcf.)	6,572,499	..	..
Operating revenues	(\$)16,755,665	(\$)18,195,298	(\$)26,645,047(2)

(1) Non-coincident.

(2) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

^r Revised figures.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

June 1964

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	55,734	128,549
Deliveries to ultimate customers	55,906	112,828
Line pack fluctuations	-	620
Gas used in system	- 620	1,614
Metering difference, line losses, cyclical billing adjustments and unaccounted for	448	13,487
Total disposition	55,734	128,549
Daily average sendout	1,864	3,761
Revenues	(\$)39,295	(\$)115,086

TABLE 6. Exports and Imports to and from the United States

June 1964

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	146,791	-
Ojibway, Ontario	-	823,719
Emerson, Manitoba	5,466,960	-
Coutts, Alberta	174	2,726
Aden, Alberta	1,260,857	-
Carway, Alberta	876,952	-
Kingsgate, British Columbia - U.S.A. District V South(1)	11,509,174	-
Other U.S.A.	3,006,670	-
Huntingdon, British Columbia	6,817,397	-
Canada - 1964	29,084,975	826,445
1963	26,118,308	828,262

(1) California, Nevada, Arizona.

CATALOGUE No.

55-002

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GAS UTILITIES

(Transport and Distribution Systems)

JULY 1964

For July 1964 field gathering systems and processing plants delivered to gas utilities 63,-349,944 Mcf. of natural gas. The transport systems accounted for 51,122,494 Mcf. and the distribution systems 12,227,450 Mcf. Natural gas received from storage was 117,570 Mcf. The total supply of gas utilities amounted to 64,325,569 Mcf., 9.7 per cent higher than in July 1963. Of the total supply, 26,235,587 Mcf. were sold to ultimate customers in Canada, an increase of 9.4 per cent. Exports rose 5.4 per cent to 28,321,484 Mcf. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and deliveries to storage. The distribution systems received from the transport systems 18,136,148 Mcf. of natural gas, an increase of 10.7 per cent. For the twelve-month period ended July 1964 exports totalled 378,212,465 Mcf., while net deliveries amounted to 858,270,635 Mcf.

The transport systems which represent virtually all of the major "intercity" movements of natural gas had traffic amounting to 51.3 billion commodity (Mcf.) miles during July compared with 45.0 billion last year. Ton-miles totalled 1,169 million for July 1964. The daily average deliveries of gas utilities amounted to 2.0 million Mcf.

Alberta natural gas utility receipts totalled 53.5 billion cubic feet; of this 16.4 per cent was sold to ultimate customers in Alberta, 15.2 per cent in Ontario, 4.8 per cent in Quebec, 1.4 per cent in Manitoba, 1.2 per cent in Saskatchewan and 0.7 per cent in British Columbia. In Table 3 gas received from and delivered to storage is considered as having originated or terminated in the province where the storage is located.

Revenue for the natural gas utilities for the month was \$23,276,251 and for manufactured and liquefied petroleum gases systems \$145,957, giving a combined Gas Utilities total of \$23,422,208.

All gas volumes are given in cubic feet measured at 14.73 p.s.i.a. and 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports in cubic feet containing 1,000 B.T.U.'s at 14.73 p.s.i.a. and 60°F are given separately in Tables 4 and 5 in the companion publication, "Sales of Manufactured and Natural Gas", Catalogue number 45-005.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximation; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue number 26-006 gives the Supply and Disposition of Natural Gas by Source.

Industry Division

October 1964
6511-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

July 1964

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	5,966	-	694,424
2b	Processing plants	-	-	-
3	Total (1 + 2)	5,966	-	694,424
4	Imports	-	-	851,121
5	Other receipts(1)	-	-	-
6	Total net receipts (3 + 4 + 5)	5,966	-	1,545,545
7	Received from storage	-	-	8,653
9	Total supply of gas utilities (6 + 7)	5,966	-	1,554,198
	Transfers from:			
11	Other provinces	-	2,619,139	17,988,577
12	Distribution to transport (primary)	-	-	545,084
13	Other gas utilities	-	2,619,139	20,862,658
19	Total gross receipts (9 + 11 + 12 + 13) ...	5,966	5,238,278	40,950,517
	<u>Disposition</u>			
	Sales:			
20	Residential	4,819	201,381	1,450,204
21	Industrial	-	2,270,280	7,448,773
22	Commercial	-	93,641	760,362
30	Total sales (20 + 21 + 22)	4,819	2,565,302	9,659,339
31	Exports	-	-	130,401
32	Other deliveries	-	-	-
33	Total net deliveries (30 + 31 + 32)	4,819	2,565,302	9,789,740
34	Delivered to storage	-	-	6,366,869
35	Line pack fluctuation	-	- 8,722	- 49,558
36	Gas used in system	-	4,388	734,192
37	Line losses and unaccounted for	1,147	58,171	82,393
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	5,966	2,619,139	16,923,636
	Transfers to:			
40	Other provinces	-	-	2,619,139
41	Distribution by transport (primary)	-	2,619,139	11,880,998
42	Other gas utilities	-	-	9,526,744
49	Total disposition (39 + 40 + 41 + 42)	5,966	5,238,278	40,950,517

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

July 1964

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	July ^x 1963	No.
					Canada	
Mcf.						
-	-	4,313,153	241,131	4,554,284	4,677,110	
-	-	39,299,607	7,268,603	46,568,210	41,472,855	1b
-	180,947	1,940,210	7,003	2,828,550	2,590,966	2a
-	1,454,835	7,932,130	11,935	9,398,900	9,020,805	2b
-	1,635,782	53,485,100	7,528,672	63,349,944	57,761,736	3
-	-	1,553	-	852,674	867,400	4
4,037	-	1,344	-	5,381	10,081	5
4,037	1,635,782	53,487,997	7,528,672	64,207,999	58,639,217	6
-	96,625	12,292	-	117,570	-	7
4,037	1,732,407	53,500,289	7,528,672	64,325,569	58,639,217	9
24,778,514	26,006,384	-	15,312,575	...	...	11
-	369,278	357,294	-	1,271,656	5,105,874	12
811,427	804,085	2,403,365	1,939,490	29,440,164	24,629,384	13
25,593,978	28,912,154	56,260,948	24,780,737	95,037,389	88,374,475	19
197,236	362,875	1,061,692	464,581	3,742,788	3,477,050	20
589,866	1,858,962	6,843,483	1,260,852	20,272,216	18,606,378	21
142,460	163,240	876,601	184,279	2,220,583	1,886,996	22
929,562 ^F	2,385,077	8,781,776	1,909,712	26,235,587	23,970,424	30
5,552,131	-	1,881,827	20,757,125	28,321,484	26,871,216	31
-	-	551,636	-	551,636	50,623	32
6,481,693	2,385,077	11,215,239	22,666,837	55,108,707	50,892,263	33
-	104,855	711,954	-	7,183,678	6,751,487	34
- 11,355	- 24,082	51,093	- 178,312	- 220,936	- 266,566	35
328,602	676,147	88,788	136,008	1,968,125	1,521,333	36
- 4,966	- 181,720	114,256	216,714	285,995	- 259,300	37
6,793,974	2,960,277	12,181,330	22,841,247	64,325,569	58,639,217	39
17,988,577	24,778,514	41,318,959	-	...	...	40
811,427	804,085	105,787	1,914,712	18,136,148	16,385,216	41
-	369,278	2,654,872	24,778	12,575,672	13,350,042	42
25,593,978	28,912,154	56,260,948	24,780,737	95,037,389	88,374,475	49

^x Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1964

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	8,082,197	7,536,571	8,123,028	7,079,847	5,997,558
1b	Processing plants	59,356,924	55,783,590	57,861,379	52,875,619	48,477,588
2	By distribution systems:					
2a	Fields	8,618,465	7,709,039	10,057,374	6,890,691	4,238,638
2b	Processing plants	14,340,369	12,676,726	12,782,801	10,624,256	10,474,666
3	Total (1 + 2)	90,397,955	83,705,926	88,824,582	77,470,413	69,188,450
4	Imports	12,330	9,898	11,539	1,655,234	2,848,426
5	Other receipts(1)	65,536	18,340	9,929	6,061	5,218
6	Total net receipts (3 + 4 + 5)	90,475,821	83,734,164	88,846,050	79,131,708	72,042,094
7	Received from storage	6,075,333	4,719,049	3,700,955	1,155,624	511,497
9	Total supply of gas utilities (6 + 7)	96,551,154	88,453,213	92,547,005	80,287,332	72,553,591
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary)	1,115,736	1,065,673	2,523,361	1,497,515	2,826,458
13	Other gas utilities	45,981,851	43,510,890	44,137,604	36,752,124	30,505,887
19	Total gross receipts (9 + 11 + 12 + 13) ...	143,648,741	133,029,776	139,207,970	118,536,971	105,885,936
	<u>Disposition</u>					
	Sales:					
20	Residential	26,037,617	22,076,532	20,845,693	18,366,182	10,050,433
21	Industrial	20,146,835	18,948,525	20,767,171	21,562,713	21,454,147
22	Commercial	12,098,782	10,226,998	10,091,415	8,849,161	5,137,351
30	Total sales (20 + 21 + 22)	58,283,234	51,252,055	51,704,279	48,778,056	36,641,931
31	Exports	36,341,974	34,210,271	34,637,621	32,295,319	31,550,953
32	Other deliveries	241,750	211,370	390,420	807,823	507,228
33	Total net deliveries (30 + 31 + 32)	94,866,958	85,673,696	86,732,320	81,881,198	68,700,112
34	Delivered to storage	599,075	744,277	665,295	2,783,382	5,536,497
35	Line pack fluctuation	- 35,828	10,537	- 80,392	92,806	- 14,974
36	Gas used in system	2,671,670	2,645,654	2,832,444	2,495,544	1,806,775
37	Line losses and unaccounted for	- 1,550,721	- 620,951	2,397,338	- 6,965,598	- 3,474,819
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	96,551,154	88,453,213	92,547,005	80,287,332	72,553,591
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary)	35,182,609	32,659,707	33,754,997	26,598,833	21,555,551
42	Other gas utilities	11,914,978	11,916,856	12,905,968	11,650,806	11,776,794
49	Total disposition (39 + 40 + 41 + 42)	143,648,741	133,029,776	139,207,970	118,536,971	105,885,936

(1) Includes peak shaving and enrichment.

r Revised figures.

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1964

June	July	August	September	October	November	December	Year to date		No.
							1964	1963 ^F	
Mcf.									
5,362,513 46,554,850	4,554,284 46,568,210						46,735,998 367,478,160	41,878,162 324,159,080	1a 1b
3,387,048 9,133,565	2,828,550 9,398,900						43,729,805 79,431,283	43,548,160 76,846,027	2a 2b
64,437,976	63,349,944						537,375,246	486,431,429	3
826,445 2,506	852,674 5,381						6,216,546 112,971	5,064,072 156,296	4 5
65,266,927	64,207,999						543,704,763	491,651,797	6
125,708	117,570						16,405,736	17,636,492	7
65,392,635	64,325,569						560,110,499	509,288,289	9
...	...						...	...	11
2,126,914 27,865,728	1,271,656 29,440,164						12,427,313 258,194,248	29,006,330 224,602,205	12 13
95,385,277	95,037,389						830,732,060	762,896,824	19
6,042,230 22,338,870 3,165,502	3,742,788 20,272,216 2,220,583						107,161,475 145,490,477 51,789,792	100,864,725 132,440,583 46,306,777	20 21 22
31,546,602	26,235,587						304,441,744	279,612,085	30
29,084,975 530,446	28,321,484 551,636						226,442,597 3,240,673	207,836,392 441,518	31 32
61,162,023	55,108,707						534,125,014	487,889,995	33
4,097,801 - 42,240	7,183,678 - 220,936						21,610,005 - 291,027	20,404,495 - 375,456	34 35
2,085,107 - 1,910,056	1,968,125 285,995						16,505,319 - 11,838,812	12,009,759 - 10,640,504	36 37
65,392,635	64,325,569						560,110,499	509,288,289	39
19,896,518 10,096,124	18,136,148 12,575,672						187,784,363 82,837,198	169,433,573 84,174,962	40 41 42
95,385,277	95,037,389						830,732,060	762,896,824	49

TABLE 3. Receipts and Disposition of Natural Gas by Source

July 1964

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.						
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	4,313,153	241,131	...	4,554,284
1b	Processing plants	-	-	-	39,299,607	7,268,603	...	46,568,210
2	By distribution systems:							
2a	Fields	5,966	694,424	180,947	1,940,210	7,003	...	2,828,550
2b	Processing plants	-	-	1,454,835	7,932,130	11,935	...	9,398,900
3	Total (1 + 2)	5,966	694,424	1,635,782	53,485,100	7,528,672	...	63,349,944
4	Imports .....	...	...	...	...	...	852,674	852,674
5	Other receipts(1)	-	-	-	5,381	-	...	5,381
6	Total net receipts (3 + 4 + 5)	5,966	694,424	1,635,782	53,490,481	7,528,672	852,674	64,207,999
7	Received from storage	-	8,653	96,625	12,292	-	...	117,570
9	Total supply of gas utilities (6 + 7)	5,966	703,077	1,732,407	53,502,773	7,528,672	852,674	64,325,569
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	373,653	1,536,059	-	1,909,712
24	Alberta	-	-	-	8,780,223	-	1,553	8,781,776
25	Saskatchewan	-	-	1,760,218	624,859	-	-	2,385,077
26	Manitoba	-	-	184,562	745,000	-	-	929,562
27	Ontario	-	644,918	-	8,163,300	-	851,121	9,659,339
28	Quebec	-	-	-	2,565,302	-	-	2,565,302
29	New Brunswick	4,819	-	-	-	-	-	4,819
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	4,819	644,918	1,944,780	21,252,337	1,536,059	852,674	26,235,587
31	Exports	-	-	-	22,433,342	5,888,142	...	28,321,484
32	Other deliveries	-	-	-	551,636	-	...	551,636
33	Total net deliveries (30 + 31 + 32)	4,819	644,918	1,944,780	44,237,315	7,424,201	852,674	55,108,707
34	Delivered to storage	-	-	104,855	7,078,823	-	-	7,183,678
35	Line pack fluctuation	-	-	- 8,942	- 17,087	- 194,907	-	- 220,936
36	Gas used in system	-	49,910	18,943	1,814,591	84,681	-	1,968,125
37	Line losses and unaccounted for	1,147	8,249	- 327,229	389,131	214,697	-	285,995
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	5,966	703,077	1,732,407	53,502,773	7,528,672	852,674	64,325,569

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

July 1964

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
July 1964:			
Daily average	1,498,633	846,309	2,009,432
Maximum(1)	1,836,923	...	...
Minimum(1)	1,362,645	...	...
Exports maximum(1)	1,066,970	...	1,066,970
July 1963 ^r :			
Daily average	1,395,369	773,239	1,859,476
Maximum(1)	1,680,994	...	...
Minimum(1)	1,171,709	...	...
Year to date 1964:			
Daily average	1,944,728	1,429,304	2,609,085
Maximum(1)	2,732,436	...	...
Minimum(1)	1,362,645	...	...
Commodity miles:			
Mcf. miles (thousands)	51,288,717	..	..
Ton-miles (millions)	1,169	..	..
Line pack:			
Beginning of month (Mcf.)	6,572,499	..	..
End of month (Mcf.)	6,372,653	..	..
Operating revenues	(\$)16,808,882	(\$)14,330,269	(\$)23,276,251

(1) Non-coincident.

(2) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

^r Revised figures

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

July 1964

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	51,213	98,919
Deliveries to ultimate customers	51,520	87,953
Line pack fluctuations	-	- 640
Gas used in system	640	1,045
Metering difference, line losses, cyclical billing adjustments and unaccounted for	- 947	10,561
Total disposition	51,213	98,919
Daily average sendout	1,662	2,837
Revenues	(\$)39,839	(\$)106,118

TABLE 6. Exports and Imports to and from the United States
July 1964

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	130,401	-
Ojibway, Ontario	-	851,121
Emerson, Manitoba	5,552,131	-
Coutts, Alberta	189	1,553
Aden, Alberta	953,864	-
Carway, Alberta	927,774	-
Kingsgate, British Columbia - U.S.A. District V South(1)	11,070,303	-
Other U.S.A.	2,644,289	-
Huntingdon, British Columbia	7,042,533	-
Canada - 1964	28,321,484	852,674
1963	26,871,216	867,400

(1) California, Nevada, Arizona.

CATALOGUE No.

55-002

MONTHLY

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

(Published by Authority of the Minister of Trade and Commerce)

Vol. 6, No. 8

Price: 20 cents, \$2.00 a year

GAS UTILITIES

(Transport and Distribution Systems)

AUGUST 1964

During August 1964 field gathering systems and processing plants delivered to gas utilities 66,027,233 Mcf. of natural gas. The transport systems accounted for 53,324,310 Mcf. and the distribution systems 12,702,923 Mcf. Natural gas received from storage was 120,999 Mcf. The total supply of gas utilities amounted to 67,067,234 Mcf., 12.6 per cent higher than in August 1963. Of the total supply, 26,605,488 Mcf. were sold to ultimate customers in Canada, an increase of 9.1 per cent. Exports rose 10.5 per cent to 29,048,126 Mcf. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and deliveries to storage. The distribution systems received from the transport systems 19,989,549 Mcf. of natural gas, an increase of 18.0 per cent. For the twelve-month period ended August 1964, exports totalled 380,965,467 Mcf., while net deliveries amounted to 863,594,669 Mcf.

The transport systems which represent virtually all of the major "intercity" movements of natural gas had traffic amounting to 51.8 billion commodity (Mcf.) miles during August compared with 45.1 billion last year. Ton-miles totalled 1,181 million for August 1964. The daily average deliveries of gas utilities amounted to 2.0 million Mcf.

Alberta natural gas utility receipts totalled 56.2 billion cubic feet; of this 15.6 per cent was sold to ultimate customers in Alberta, 15.3 per cent in Ontario, 4.8 per cent in Quebec, 2.0 per cent in Saskatchewan, 1.4 per cent in Manitoba and 0.9 per cent in British Columbia. In Table 3 gas received from and delivered to storage is considered as having originated or terminated in the province where the storage is located.

Revenue for the natural gas utilities for the month was \$23,119,720 and for manufactured and liquefied petroleum gases systems \$140,471, giving a combined Gas Utilities total of \$23,260,191.

All gas volumes are given in cubic feet measured at 14.73 p.s.i.a. and 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports in cubic feet containing 1,000 B.T.U.'s at 14.73 p.s.i.a. and 60°F are given separately in Tables 4 and 5 in the companion publication, "Sales of Manufactured and Natural Gas", Catalogue Number 45-005.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue Number 26-006 gives the Supply and Disposition of Natural Gas by Source.

Industry Division

December 1964
6511-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

August 1964

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	6,204	-	710,268
2b	Processing plants	-	-	-
3	Total (1 + 2)	6,204	-	710,268
4	Imports	-	-	856,277
5	Other receipts(1)	-	-	-
6	Total net receipts (3 + 4 + 5)	6,204	-	1,566,545
7	Received from storage	-	-	-
9	Total supply of gas utilities (6 + 7)	6,204	-	1,566,545
	Transfers from:			
11	Other provinces	-	2,795,852	18,481,432
12	Distribution to transport (primary)	-	-	592,021
13	Other gas utilities	-	2,795,852	21,138,071
19	Total gross receipts (9 + 11 + 12 + 13) ...	6,204	5,591,704	41,778,069
	<u>Disposition</u>			
	Sales: ^F			
20	Residential	3,975	243,338	1,351,113
21	Industrial	-	2,374,851	7,723,531
22	Commercial	-	102,598	917,563
30	Total sales (20 + 21 + 22)	3,975	2,720,787	9,992,207
31	Exports	-	-	142,413
32	Other deliveries	-	-	15
33	Total net deliveries (30 + 31 + 32)	3,975	2,720,787	10,134,635
34	Delivered to storage	-	-	5,231,792
35	Line pack fluctuation	-	- 4,361	220,360
36	Gas used in system	-	640	629,188
37	Line losses and unaccounted for	2,229	78,786	1,036,150
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	6,204	2,795,852	17,252,125
	Transfers to:			
40	Other provinces	-	-	2,795,852
41	Distribution by transport (primary)	-	2,795,852	12,691,788
42	Other gas utilities	-	-	9,038,304
49	Total disposition (39 + 40 + 41 + 42)	6,204	5,591,704	41,778,069

(1) Includes peak shaving and enrichment.

^F Revised figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

August 1964

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	August ^F 1963	No.
					Canada	
Mcf.						
-	-	5,175,626	332,897	5,508,523	4,937,283	1a
-	-	40,490,575	7,325,212	47,815,787	41,105,421	1b
-	245,315	2,179,011	7,445	3,148,243	3,360,052	2a
-	1,308,375	8,231,605	14,700	9,554,680	9,313,215	2b
-	1,553,690	56,076,817	7,680,254	66,027,233	58,715,971	3
-	-	2,167	-	858,444	859,313	4
3,089	-	-	57,469	60,558	9,846	5
3,089	1,553,690	56,078,984	7,737,723	66,946,235	59,585,130	6
-	107,663	13,336	-	120,999	2,264	7
3,089	1,661,353	56,092,320	7,737,723	67,067,234	59,587,394	9
25,471,450	27,273,878	-	16,120,201	...	...	11
-	385,578	390,286	-	1,367,885	4,764,739	12
984,939	1,351,148	2,847,284	2,071,078	31,188,372	25,111,177	13
26,459,478	30,671,957	59,329,890	25,929,002	99,623,491	89,463,310	19
178,576	252,332	919,031	453,736	3,402,101	3,035,356	20
643,226	1,816,101	6,984,780	1,363,081	20,905,570	19,473,061	21
132,271	116,084	834,977	194,324	2,297,817	1,869,999	22
954,073	2,184,517	8,738,788	2,011,141	26,605,488	24,378,416	30
5,522,593	-	2,007,461	21,375,659	29,048,126	26,295,124	31
-	-	399,242	-	399,257	55,297	32
6,476,666	2,184,517	11,145,491	23,386,800	56,052,871	50,728,837	33
-	41,674	704,844	-	5,978,310	5,776,280	34
51,555	83,441	- 1,285	128,689	478,399	231,302	35
281,529	587,195	61,674	140,331	1,700,557	1,531,913	36
183,357	566,954	787,517	202,104	2,857,097	1,319,062	37
6,993,107	3,463,781	12,698,241	23,857,924	67,067,234	59,587,394	39
18,481,432	25,471,450	43,394,079	-	...	...	40
984,939	1,351,148	120,098	2,045,724	19,989,549	16,936,705	41
-	385,578	3,117,472	25,354	12,566,708	12,939,211	42
26,459,478	30,671,957	59,329,890	25,929,002	99,623,491	89,463,310	49

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1964

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	8,082,197	7,536,571	8,123,028	7,079,847	5,997,558
1b	Processing plants	59,356,924	55,783,590	57,861,379	52,875,619	48,477,588
2	By distribution systems:					
2a	Fields	8,618,465	7,709,039	10,057,374	6,890,691	4,238,638
2b	Processing plants	14,340,369	12,676,726	12,782,801	10,624,256	10,474,666
3	Total (1 + 2)	90,397,955	83,705,926	88,824,582	77,470,413	69,188,450
4	Imports	12,330	9,898	11,539	1,655,234	2,848,426
5	Other receipts(1)	65,536	18,340	9,929	6,061	5,218
6	Total net receipts (3 + 4 + 5)	90,475,821	83,734,164	88,846,050	79,131,708	72,042,094
7	Received from storage	6,075,333	4,719,049	3,700,955	1,155,624	511,497
9	Total supply of gas utilities (6 + 7)	96,551,154	88,453,213	92,547,005	80,287,332	72,553,591
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary)	1,115,736	1,065,673	2,523,361	1,497,515	2,826,458
13	Other gas utilities	45,981,851	43,510,890	44,137,604	36,752,124	30,505,887
19	Total gross receipts (9 + 11 + 12 + 13) ...	143,648,741	133,029,776	139,207,970	118,536,971	105,885,936
	<u>Disposition</u>					
	Sales:					
20	Residential	26,037,617	22,076,532	20,845,693	18,366,182	10,050,433
21	Industrial	20,146,835	18,948,525	20,767,171	21,562,713	21,454,147
22	Commercial	12,098,782	10,226,998	10,091,415	8,849,161	5,137,351
30	Total sales (20 + 21 + 22)	58,283,234	51,252,055	51,704,279	48,778,056	36,641,931
31	Exports	36,341,974	34,210,271	34,637,621	32,295,319	31,550,953
32	Other deliveries	241,750	211,370	390,420	807,823	507,228
33	Total net deliveries (30 + 31 + 32)	94,866,958	85,673,696	86,732,320	81,881,198	68,700,112
34	Delivered to storage	599,075	744,277	665,295	2,783,382	5,536,497
35	Line pack fluctuation	- 35,828	10,537	- 80,392	92,806	- 14,974
36	Gas used in system	2,671,670	2,645,654	2,832,444	2,495,544	1,806,775
37	Line losses and unaccounted for	- 1,550,721	- 620,951	2,397,338	- 6,965,598	- 3,474,819
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	96,551,154	88,453,213	92,547,005	80,287,332	72,553,591
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary)	35,182,609	32,659,707	33,754,997	26,598,833	21,555,551
42	Other gas utilities	11,914,978	11,916,856	12,905,968	11,650,806	11,776,794
49	Total disposition (39 + 40 + 41 + 42)	143,648,741	133,029,776	139,207,970	118,536,971	105,885,936

(1) Includes peak shaving and enrichment.

r Revised figures.

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1964

June	July	August	September	October	November	December	Year to date		No.
							1964	1963 ^F	
Mcf.									
5,362,513 46,554,850	4,554,284 46,568,210	5,508,523 47,815,787					52,244,521 415,293,947	46,815,445 365,264,501	1a 1b
3,387,048 9,133,565	2,828,550 9,398,900	3,148,243 9,554,680					46,878,048 88,985,963	46,908,212 86,159,242	2a 2b
64,437,976	63,349,944	66,027,233					603,402,479	545,147,400	3
826,445 2,506	852,674 5,381	858,444 60,558					7,074,990 173,529	5,923,385 166,142	4 5
65,266,927	64,207,999	66,946,235					610,650,998	551,236,927	6
125,708	117,570	120,999					16,526,735	17,638,756	7
65,392,635	64,325,569	67,067,234					627,177,733	568,875,683	9
2,126,914 27,865,728	1,271,656 29,440,164	1,367,885 31,188,372					13,795,198 289,382,620	33,771,069 249,713,382	11 12 13
95,385,277	95,037,389	99,623,491					930,355,551	852,360,134	19
6,042,230 22,338,870 3,165,502	3,742,788 20,272,216 2,220,583	3,402,101 20,905,570 2,297,817					110,563,576 166,396,047 54,087,609	103,900,081 151,913,644 48,176,776	20 21 22
31,546,602	26,235,587	26,605,488					331,047,232	303,990,501	30
29,084,975 530,446	28,321,484 551,636	29,048,126 399,257					255,490,723 3,639,930	234,131,516 496,815	31 32
61,162,023	55,108,707	56,052,871					590,177,885	538,618,832	33
4,097,801 - 42,240 2,085,107 - 1,910,056	7,183,678 - 220,936 1,968,125 285,995	5,978,310 478,399 1,700,557 2,857,097					27,588,315 187,372 18,205,876 - 8,981,715	26,180,775 - 144,154 13,541,672 - 9,321,442	34 35 36 37
65,392,635	64,325,569	67,067,234					627,177,733	568,875,683	39
19,896,518 10,096,124	18,136,148 12,575,672	19,989,549 12,566,708					207,773,912 95,403,906	186,370,278 97,114,173	40 41 42
95,385,277	95,037,389	99,623,491					930,355,551	852,360,134	49

TABLE 3. Receipts and Disposition of Natural Gas by Source

August 1964

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	5,175,626	332,897	...	5,508,523
1b	Processing plants	-	-	-	40,490,575	7,325,212	...	47,815,787
2	By distribution systems:							
2a	Fields	6,204	710,268	245,315	2,179,011	7,445	...	3,148,243
2b	Processing plants	-	-	1,308,375	8,231,605	14,700	...	9,554,680
3	Total (1 + 2)	6,204	710,268	1,553,690	56,076,817	7,680,254	...	66,027,233
4	Imports .....	...	...	...	...	...	858,444	858,444
5	Other receipts (1)	-	-	-	60,558	-	...	60,558
6	Total net receipts (3 + 4 + 5)	6,204	710,268	1,553,690	56,137,375	7,680,254	858,444	66,946,235
7	Received from storage	-	-	107,663	13,336	-	...	120,999
9	Total supply of gas utilities (6 + 7)	6,204	710,268	1,661,353	56,150,711	7,680,254	858,444	67,067,234
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	529,620	1,481,521	-	2,011,141
24	Alberta	-	-	-	8,736,621	-	2,167	8,738,788
25	Saskatchewan	-	-	1,060,409	1,124,108	-	-	2,184,517
26	Manitoba	-	-	152,682	801,391	-	-	954,073
27	Ontario	-	549,704	-	8,586,226	-	856,277	9,992,207
28	Quebec	-	-	-	2,720,787	-	-	2,720,787
29	New Brunswick	3,975	-	-	-	-	-	3,975
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	3,975	549,704	1,213,091	22,498,753	1,481,521	858,444	26,605,488
31	Exports	-	-	-	23,257,841	5,790,285	...	29,048,126
32	Other deliveries	-	-	-	399,257	-	...	399,257
33	Total net deliveries (30 + 31 + 32)	3,975	549,704	1,213,091	46,155,851	7,271,806	858,444	56,052,871
34	Delivered to storage	-	-	41,674	5,936,636	-	-	5,978,310
35	Line pack fluctuation	-	-	14,701	341,327	122,371	-	478,399
36	Gas used in system	-	38,745	24,135	1,552,463	85,214	-	1,700,557
37	Line losses and unaccounted for	2,229	121,819	367,752	2,164,434	200,863	-	2,857,097
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	6,204	710,268	1,661,353	56,150,711	7,680,254	858,444	67,067,234

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

August 1964

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
August 1964:			
Daily average	1,581,860	858,242	2,001,006
Maximum(1)	1,987,423	...	...
Minimum(1)	1,476,578	...	...
Exports maximum(1)	1,127,781	...	1,127,781
August 1963 ^F :			
Daily average	1,394,575	786,401	1,822,746
Maximum(1)	1,666,130	...	...
Minimum(1)	1,130,725	...	...
Year to date 1964:			
Daily average	1,898,626	1,356,751	2,531,829
Maximum(1)	2,732,436	...	...
Minimum(1)	1,362,645	...	...
Commodity miles:			
Mcf. miles (thousands)	51,804,828	..	..
Ton-miles (millions)	1,181	..	..
Line pack:			
Beginning of month (Mcf.)	6,372,653	..	..
End of month (Mcf.)	6,850,793	..	..
Operating revenues	(\$)16,939,599	(\$)14,399,241	(\$)23,119,720

(1) Non-coincident.

(2) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

August 1964

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	58,070	103,230
Deliveries to ultimate customers	55,593	82,425
Line pack fluctuations	-	- 70
Gas used in system	70	1,006
Metering difference, line losses, cyclical billing adjustments and unaccounted for	2,407	19,869
Total disposition	58,070	103,230
Daily average sendout	1,793	2,659
Revenues	(\$)38,236	(\$)102,235

TABLE 6. Exports and Imports to and from the United States

August 1964

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	142,413	-
Ojibway, Ontario	-	856,277
Emerson, Manitoba	5,522,593	-
Coutts, Alberta	207	2,167
Aden, Alberta	1,078,621	-
Carway, Alberta	928,633	-
Kingsgate, British Columbia - U.S.A. District V South(1)	11,757,577	-
Other U.S.A.	2,354,323	-
Huntingdon, British Columbia	7,263,759	-
Canada - 1964	29,048,126	858,444
1963	26,295,124	859,313

(1) California, Nevada, Arizona.

CATALOGUE No.

55-002

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(DOMINION BUREAU OF STATISTICS)

(OTTAWA - CANADA)

(Published by Authority of the Minister of Trade and Commerce)

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GAS UTILITIES
(Transport and Distribution Systems)

SEPTEMBER 1964

During September 1964 field gathering systems and processing plants delivered to gas utilities 72,233,916 Mcf. of natural gas. The transport systems accounted for 56,257,547 Mcf. and the distribution systems 15,976,369 Mcf. Natural gas received from storage was 429,236 Mcf. The total supply of gas utilities amounted to 73,413,306 Mcf., 17.7 per cent higher than in September 1963. Of the total supply, 31,006,342 Mcf. were sold to ultimate customers in Canada, an increase of 19.6 per cent. Exports rose 14.0 per cent to 30,929,631 Mcf. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and deliveries to storage. The distribution systems received from the transport systems 22,244,472 Mcf. of natural gas, an increase of 21.3 per cent. For the twelve-month period ended September 1964, exports totalled 384,770,066 Mcf., while net deliveries amounted to 873,348,338 Mcf.

The transport systems which represent virtually all of the major "intercity" movements of natural gas had traffic amounting to 52.7 billion commodity (Mcf.) miles during September compared with 46.4 billion last year. Ton-miles totalled 1,201 million for September 1964. The daily average deliveries of gas utilities amounted to 2.2 million Mcf.

Alberta natural gas utility receipts totalled 60.0 billion cubic feet; of this 17.3 per cent was sold to ultimate customers in Alberta, 16.3 per cent in Ontario, 4.6 per cent in Quebec, 2.5 per cent in Saskatchewan, 1.4 per cent in Manitoba and 1.2 per cent in British Columbia. In Table 3 gas received from and delivered to storage is considered as having originated or terminated in the province where the storage is located.

Revenue for the natural gas utilities for the month was \$26,275,506 and for manufactured and liquefied petroleum gases systems \$157,854, giving a combined Gas Utilities total of \$26,433,360.

All gas volumes are given in cubic feet measured at 14.73 p.s.i.a. and 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports in cubic feet containing 1,000 B.T.U.'s at 14.73 p.s.i.a. and 60°F are given separately in Tables 4 and 5 in the companion publication, "Sales of Manufactured and Natural Gas", Catalogue number 45-005.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue number 26-006 gives the Supply and Disposition of Natural Gas by Source.

Industry Division

December 1964
6511-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

September 1964

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	6,513	-	775,425
2b	Processing plants	-	-	-
3	Total (1 + 2)	6,513	-	775,425
4	Imports	-	-	741,105
5	Other receipts(1)	-	-	-
6	Total net receipts (3 + 4 + 5)	6,513	-	1,516,530
7	Received from storage	-	-	375,722
9	Total supply of gas utilities (6 + 7)	6,513	-	1,892,252
	Transfers from:			
11	Other provinces	-	2,845,790	18,058,929
12	Distribution to transport (primary)	-	-	1,991,993
13	Other gas utilities	-	2,845,790	19,376,210
19	Total gross receipts (9 + 11 + 12 + 13) ...	6,513	5,691,580	41,319,384
	<u>Disposition</u>			
	Sales: ^r			
20	Residential	3,716	345,904	1,680,625
21	Industrial	-	2,315,608	8,052,278
22	Commercial	-	113,026	1,547,666
30	Total sales (20 + 21 + 22)	3,716	2,774,538	11,280,569
31	Exports	-	-	157,825
32	Other deliveries	-	-	13
33	Total net deliveries (30 + 31 + 32)	3,716	2,774,538	11,438,407
34	Delivered to storage	-	-	3,457,847
35	Line pack fluctuation	-	42	- 132,868
36	Gas used in system	-	993	992,637
37	Line losses and unaccounted for	2,797	70,217	1,349,368
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	6,513	2,845,790	17,105,391
	Transfers to:			
40	Other provinces	-	-	2,845,790
41	Distribution by transport (primary)	-	2,845,790	13,225,991
42	Other gas utilities	-	-	8,142,212
49	Total disposition (39 + 40 + 41 + 42)	6,513	5,691,580	41,319,384

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

September 1964

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	September ^r 1963	No.
					Canada	
Mcf.						
-	-	6,181,111	172,042	6,353,153	5,215,953	1a
-	-	41,251,261	8,653,133	49,904,394	42,689,595	1b
-	737,019	3,923,323	8,237	5,450,517	3,729,240	2a
-	1,940,572	8,559,420	25,860	10,525,852	9,908,327	2b
-	2,677,591	59,915,115	8,859,272	72,233,916	61,543,115	3
-	-	4,980	-	746,085	809,481	4
4,069	-	-	-	4,069	9,715	5
4,069	2,677,591	59,920,095	8,859,272	72,984,070	62,362,311	6
-	22,063	31,451	-	429,236	7,112	7
4,069	2,699,654	59,951,546	8,859,272	73,413,306	62,369,423	9
25,787,905	27,624,286	-	17,147,515	-	-	11
-	581,497	-	-	2,573,490	3,855,268	12
1,521,809	1,639,390	3,406,938	2,847,677	31,637,814	26,826,572	13
27,313,783	32,544,827	63,358,484	28,854,464	107,624,610	93,051,263	19
355,438	445,334	1,816,880	659,890	5,307,787	3,784,998	20
665,139	1,998,635	7,054,505	1,734,890	21,821,055	19,434,988	21
246,397	192,236	1,526,409	251,766	3,877,500	2,714,615	22
1,266,974	2,636,205	10,397,794	2,646,546	31,006,342	25,934,601	30
5,776,766	-	1,964,133	23,030,907	30,929,631	27,125,032	31
-	-	938,379	-	938,392	61,063	32
7,043,740	2,636,205	13,300,306	25,677,453	62,874,365	53,120,696	33
-	340,523	563,201	-	4,361,571	4,813,658	34
- 28,500	- 22,112	9,872	- 25,297	- 198,863	226,529	35
294,502	632,089	63,757	177,220	2,161,198	1,591,855	36
423,303	949,330	1,242,609	177,411	4,215,035	2,616,685	37
7,733,045	4,536,035	15,179,745	26,006,787	73,413,306	62,369,423	39
18,058,929	25,787,905	44,771,801	-	-	-	40
1,521,809	1,639,390	225,554	2,785,938	22,244,472	18,332,801	41
-	581,497	3,181,384	61,739	11,966,832	12,349,039	42
27,313,783	32,544,827	63,358,484	28,854,464	107,624,610	93,051,263	49

^r Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1964

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	8,082,197	7,536,571	8,123,028	7,079,847	5,997,558
1b	Processing plants	59,356,924	55,783,590	57,861,379	52,875,619	48,477,588
2	By distribution systems:					
2a	Fields	8,618,465	7,709,039	10,057,374	6,890,691	4,238,638
2b	Processing plants	14,340,369	12,676,726	12,782,801	10,624,256	10,474,666
3	Total (1 + 2)	90,397,955	83,705,926	88,824,582	77,470,413	69,188,450
4	Imports	12,330	9,898	11,539	1,655,234	2,848,426
5	Other receipts(1)	65,536	18,340	9,929	6,061	5,218
6	Total net receipts (3 + 4 + 5)	90,475,821	83,734,164	88,846,050	79,131,708	72,042,094
7	Received from storage	6,075,333	4,719,049	3,700,955	1,155,624	511,497
9	Total supply of gas utilities (6 + 7)	96,551,154	88,453,213	92,547,005	80,287,332	72,553,591
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary)	1,115,736	1,065,673	2,523,361	1,497,515	2,826,458
13	Other gas utilities	45,981,851	43,510,890	44,137,604	36,752,124	30,505,887
19	Total gross receipts (9 + 11 + 12 + 13) ...	143,648,741	133,029,776	139,207,970	118,536,971	105,885,936
	<u>Disposition</u>					
	Sales:					
20	Residential	26,037,617	22,076,532	20,845,693	18,366,182	10,050,433
21	Industrial	20,146,835	18,948,525	20,767,171	21,562,713	21,454,147
22	Commercial	12,098,782	10,226,998	10,091,415	8,849,161	5,137,351
30	Total sales (20 + 21 + 22)	58,283,234	51,252,055	51,704,279	48,778,056	36,641,931
31	Exports	36,341,974	34,210,271	34,637,621	32,295,319	31,550,953
32	Other deliveries	241,750	211,370	390,420	807,823	507,228
33	Total net deliveries (30 + 31 + 32)	94,866,958	85,673,696	86,732,320	81,881,198	68,700,112
34	Delivered to storage	599,075	744,277	665,295	2,783,382	5,536,497
35	Line pack fluctuation	- 35,828	10,537	- 80,392	92,806	- 14,974
36	Gas used in system	2,671,670	2,645,654	2,832,444	2,495,544	1,806,775
37	Line losses and unaccounted for	- 1,550,721	- 620,951	2,397,338	- 6,965,598	- 3,474,819
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	96,551,154	88,453,213	92,547,005	80,287,332	72,553,591
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary)	35,182,609	32,659,707	33,754,997	26,598,833	21,555,551
42	Other gas utilities	11,914,978	11,916,856	12,905,968	11,650,806	11,776,794
49	Total disposition (39 + 40 + 41 + 42)	143,648,741	133,029,776	139,207,970	118,536,971	105,885,936

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1964

June	July	August	September	October	November	December	Year to date		No.
							1964	1963 ^F	
Mcf.									
5,362,513 46,554,850	4,554,284 46,568,210	5,508,523 47,815,787	6,353,153 49,904,394				58,597,674 465,198,341	52,031,398 407,954,096	1a 1b
3,387,048 9,133,565	2,828,550 9,398,900	3,148,243 9,554,680	5,450,517 10,525,852				52,328,565 99,511,815	50,637,452 96,067,569	2a 2b
64,437,976	63,349,944	66,027,233	72,233,916				675,636,395	606,690,515	3
826,445 2,506	852,674 5,381	858,444 60,558	746,085 4,069				7,821,075 177,598	6,732,866 175,857	4 5
65,266,927	64,207,999	66,946,235	72,984,070				683,635,068	613,599,238	6
125,708	117,570	120,999	429,236				16,955,971	17,645,868	7
65,392,635	64,325,569	67,067,234	73,413,306				700,591,039	631,245,106	9
... 2,126,914 27,865,728	... 1,271,656 29,440,164	... 1,367,885 31,188,372	... 2,573,490 31,637,814				... 16,368,688 321,020,434	... 37,626,337 276,539,954	11 12 13
95,385,277	95,037,389	99,623,491	107,624,610				1,037,980,161	945,411,397	19
6,042,230 22,338,870 3,165,502	3,742,788 20,272,216 2,220,583	3,402,101 20,905,570 2,297,817	5,307,787 21,821,055 3,877,500				115,871,363 188,217,102 57,965,109	107,685,079 171,348,632 50,891,391	20 21 22
31,546,602	26,235,587	26,605,488	31,006,342				362,053,574	329,925,102	30
29,084,975 530,446	28,321,484 551,636	29,048,126 399,257	30,929,631 938,392				286,420,354 4,578,322	261,256,548 557,878	31 32
61,162,023	55,108,707	56,052,871	62,874,365				653,052,250	591,739,528	33
4,097,801 - 42,240 2,085,107 - 1,910,056	7,183,678 - 220,936 1,968,125 285,995	5,978,310 478,399 1,700,557 2,857,097	4,361,571 - 198,863 2,161,198 4,215,035				31,949,886 - 11,491 20,367,074 - 4,766,680	30,994,433 82,375 15,133,527 - 6,704,757	34 35 36 37
65,392,635	64,325,569	67,067,234	73,413,306				700,591,039	631,245,106	39
... 19,896,518 10,096,124	... 18,136,148 12,575,672	... 19,989,549 12,566,708	... 22,244,472 11,966,832				... 230,018,384 107,370,738	... 204,703,079 109,463,212	40 41 42
95,385,277	95,037,389	99,623,491	107,624,610				1,037,980,161	945,411,397	49

^F Revised figures.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

September 1964

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
September 1964:			
Daily average	1,772,470	1,033,545	2,241,198
Maximum(1)	2,195,346	...	...
Minimum(1)	1,428,932	...	...
Exports maximum(1)	1,165,347	...	1,165,347
September 1963 ^r :			
Daily average	1,515,261	864,487	1,931,145
Maximum(1)	1,819,835	...	...
Minimum(1)	1,329,799	...	...
Year to date 1964:			
Daily average	1,884,813	1,321,363	2,500,008
Maximum(1)	2,732,436	...	...
Minimum(1)	1,362,645	...	...
Commodity miles:			
Mcf. miles (thousands)	52,693,055	..	..
Ton-miles (millions)	1,201	..	..
Line pack:			
Beginning of month (Mcf.)	6,850,793	..	..
End of month (Mcf.)	6,641,152	..	..
Operating revenues	(\$17,640,834	(\$17,417,959 ^r	(\$26,275,506

(1) Non-coincident.

(2) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

^r Revised figures.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

September 1964

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	56,208	128,381
Deliveries to ultimate customers	53,888	107,368
Line pack fluctuations	-	- 93
Gas used in system	93	1,691
Metering difference, line losses, cyclical billing adjustments and unaccounted for	2,227	19,415
Total disposition	56,208	128,381
Daily average sendout	1,796	3,579
Revenues	(\$41,232	(\$116,622

TABLE 6. Exports and Imports to and from the United States

September 1964

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	157,825	-
Ojibway, Ontario	-	741,105
Emerson, Manitoba	5,776,766	-
Coutts, Alberta	73	4,980
Aden, Alberta	1,063,979	-
Carway, Alberta	900,081	-
Kingsgate, British Columbia - U.S.A. District V South(1)	11,710,965	-
Other U.S.A.	2,974,606	-
Huntingdon, British Columbia	8,345,336	-
Canada - 1964	30,929,631	746,085
1963	27,125,032	809,481

(1) California, Nevada, Arizona.

CATALOGUE No.

55-002

MONTHLY

(DOMINION BUREAU OF STATISTICS)

(OTTAWA - CANADA)

(Published by Authority of the Minister of Trade and Commerce)

Vol. 6, No. 10

Price: 20 cents, \$2.00 a year

GAS UTILITIES

(Transport and Distribution Systems)

OCTOBER 1964

During October 1964 field gathering systems and processing plants delivered to gas utilities 81,951,118 Mcf. of natural gas. The transport systems accounted for 64,900,377 Mcf. and the distribution systems 17,050,741 Mcf. Natural gas received from storage was 855,110 Mcf. The total supply of gas utilities amounted to 82,965,976 Mcf., 20.2 per cent higher than in October 1963. Of the total supply, 38,439,446 Mcf. were sold to ultimate customers in Canada, an increase of 25.1 per cent. Exports rose 17.6 per cent to 34,441,311 Mcf. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and deliveries to storage. The distribution systems received from the transport systems 27,118,053 Mcf. of natural gas, an increase of 31.1 per cent. For the twelve-month period ended October 1964, exports totalled 389,921,998 Mcf., while net deliveries amounted to 886,319,680 Mcf.

The transport systems which represent virtually all of the major "intercity" movements of natural gas had traffic amounting to 59.0 billion commodity (Mcf.) miles during October compared with 48.5 billion last year. Ton-miles totalled 1,345 million for October 1964. The daily average deliveries of gas utilities amounted to 2.4 million Mcf.

Alberta natural gas utility receipts totalled 68.0 billion cubic feet; of this 18.9 per cent was sold to ultimate customers in Ontario, 17.7 per cent in Alberta, 4.3 per cent in Quebec, 2.8 per cent in Saskatchewan, 2.2 per cent in Manitoba and 1.2 per cent in British Columbia. In Table 3 gas received from and delivered to storage is considered as having originated or terminated in the province where the storage is located.

Revenue for the natural gas utilities for the month was \$33,934,063 and for manufactured and liquefied petroleum gases systems \$183,818, giving a combined Gas Utilities total of \$34,117,881.

All gas volumes are given in cubic feet measured at 14.73 p.s.i.a. and 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports in cubic feet containing 1,000 B.T.U.'s at 14.73 p.s.i.a. and 60°F are given separately in Tables 4 and 5 in the companion publication, "Sales of Manufactured and Natural Gas", Catalogue number 45-005.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue number 26-006 gives the Supply and Disposition of Natural Gas by Source.

Industry Division

January 1965
6511-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

October 1964

No.		New Brunswick	Mcf.		Quebec	Ontario
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	-	-	-	-	-
1b	Processing plants	-	-	-	-	-
2	By distribution systems:					
2a	Fields	7,117	-	-	894,621	-
2b	Processing plants	-	-	-	-	-
3	Total (1 + 2)	7,117	-	-	894,621	-
4	Imports	-	-	-	151,464	-
5	Other receipts(1)	-	-	-	-	-
6	Total net receipts (3 + 4 + 5)	7,117	-	-	1,046,085	-
7	Received from storage	-	-	-	773,667	-
9	Total supply of gas utilities (6 + 7)	7,117	-	-	1,819,752	-
	Transfers from:					
11	Other provinces	-	2,999,641	-	20,935,290	-
12	Distribution to transport (primary)	-	-	-	273,423	-
13	Other gas utilities	-	2,999,641	-	24,359,281	-
19	Total gross receipts (9 + 11 + 12 + 13) ...	7,117	5,999,282	-	47,387,746	-
	<u>Disposition</u>					
	Sales:					
20	Residential	4,620	645,154	-	3,816,128	-
21	Industrial	-	2,073,413	-	8,818,496	-
22	Commercial	-	176,136	-	1,858,864	-
30	Total sales (20 + 21 + 22)	4,620	2,894,703	-	14,493,488	-
31	Exports	-	-	-	206,342	-
32	Other deliveries	-	-	-	79	-
33	Total net deliveries (30 + 31 + 32)	4,620	2,894,703	-	14,699,909	-
34	Delivered to storage	-	-	-	1,223,345	-
35	Line pack fluctuation	-	9,235	-	28,149	-
36	Gas used in system	-	3,614	-	821,571	-
37	Line losses and unaccounted for	2,497	92,089	-	2,982,427	-
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	7,117	2,999,641	-	19,755,401	-
	Transfers to:					
40	Other provinces	-	-	-	2,999,641	-
41	Distribution by transport (primary)	-	2,999,641	-	15,882,405	-
42	Other gas utilities	-	-	-	8,750,299	-
49	Total disposition (39 + 40 + 41 + 42)	7,117	5,999,282	-	47,387,746	-

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

October 1964

Manitoba ^r	Saskatchewan	Alberta	British Columbia	Canada	October ^r 1963	No.
					Canada	
Mcf.						
-	-	7,291,322	382,672	7,673,994	5,639,682	1a
-	-	47,353,866	9,872,517	57,226,383	46,383,840	1b
-	798,462	4,638,196	13,510	6,351,906	5,302,359	2a
-	2,010,774	8,656,234	31,827	10,698,835	11,332,294	2b
-	2,809,236	67,939,618	10,300,526	81,951,118	68,658,175	3
-	-	5,794	-	157,258	68,025	4
2,490	-	-	-	2,490	9,362	5
2,490	2,809,236	67,945,412	10,300,526	82,110,866	68,735,562	6
-	1,688	79,755	-	855,110	294,597	7
2,490	2,810,924	68,025,167	10,300,526	82,965,976	69,030,159	9
30,042,517	32,612,461	-	19,632,686	...	...	11
-	732,082	392,770	-	1,398,275	4,140,394	12
2,128,140	2,180,961	3,237,993	3,756,431	38,662,447	29,446,417	13
32,173,147	38,336,428	71,655,930	33,689,643	123,026,698	102,616,970	19
706,991	851,284	2,534,031	1,076,469	9,634,677	6,031,555	20
753,026	2,272,106	7,456,353	2,070,664	23,444,058	21,215,754	21
478,389	417,668	2,055,569	374,085	5,360,711	3,481,096	22
1,938,406	3,541,058	12,045,953	3,521,218	38,439,446	30,728,405	30
6,339,835	-	2,129,783	25,765,351	34,441,311	29,289,379	31
-	-	187,487	-	187,566	79,197	32
8,278,241	3,541,058	14,363,223	29,286,569	73,068,323	60,096,981	33
-	243,686	423,884	-	1,890,915	3,758,519	34
6,495	- 7,198	197,340	168,988	403,009	- 102,523	35
381,655	812,278	110,430	253,156	2,382,704	1,703,544	36
443,326	791,044	685,143	224,499	5,221,025	3,573,638	37
9,109,717	5,380,868	15,780,020	29,933,212	82,965,976	69,030,159	39
20,935,290	30,042,517	52,245,147	-	...	...	40
2,128,140	2,180,961	259,605	3,667,301	27,118,053	20,682,808	41
-	732,082	3,371,158	89,130	12,942,669	12,904,003	42
32,173,147	38,336,428	71,655,930	33,689,643	123,026,698	102,616,970	49

^r Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1964

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	8,082,197	7,536,571	8,123,028	7,079,847	5,997,558
1b	Processing plants	59,356,924	55,783,590	57,861,379	52,875,619	48,477,588
2	By distribution systems:					
2a	Fields	8,618,465	7,709,039	10,057,374	6,890,691	4,238,638
2b	Processing plants	14,340,369	12,676,726	12,782,801	10,624,256	10,474,666
3	Total (1 + 2)	90,397,955	83,705,926	88,824,582	77,470,413	69,188,450
4	Imports	12,330	9,898	11,539	1,655,234	2,848,426
5	Other receipts(1)	65,536	18,340	9,929	6,061	5,218
6	Total net receipts (3 + 4 + 5)	90,475,821	83,734,164	88,846,050	79,131,708	72,042,094
7	Received from storage	6,075,333	4,719,049	3,700,955	1,155,624	511,497
9	Total supply of gas utilities (6 + 7)	96,551,154	88,453,213	92,547,005	80,287,332	72,553,591
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary)	1,115,736	1,065,673	2,523,361	1,497,515	2,826,458
13	Other gas utilities	45,981,851	43,510,890	44,137,604	36,752,124	30,505,887
19	Total gross receipts (9 + 11 + 12 + 13) ...	143,648,741	133,029,776	139,207,970	118,536,971	105,885,936
	<u>Disposition</u>					
	Sales:					
20	Residential	26,037,617	22,076,532	20,845,693	18,366,182	10,050,433
21	Industrial	20,146,835	18,948,525	20,767,171	21,562,713	21,454,147
22	Commercial	12,098,782	10,226,998	10,091,415	8,849,161	5,137,351
30	Total sales (20 + 21 + 22)	58,283,234	51,252,055	51,704,279	48,778,056	36,641,931
31	Exports	36,341,974	34,210,271	34,637,621	32,295,319	31,550,953
32	Other deliveries	241,750	211,370	390,420	807,823	507,228
33	Total net deliveries (30 + 31 + 32)	94,866,958	85,673,696	86,732,320	81,881,198	68,700,112
34	Delivered to storage	599,075	744,277	665,295	2,783,382	5,536,497
35	Line pack fluctuation	- 35,828	10,537	- 80,392	92,806	- 14,974
36	Gas used in system	2,671,670	2,645,654	2,832,444	2,495,544	1,806,775
37	Line losses and unaccounted for	- 1,550,721	- 620,951	2,397,338	- 6,965,598	- 3,474,819
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	96,551,154	88,453,213	92,547,005	80,287,332	72,553,591
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary)	35,182,609	32,659,707	33,754,997	26,598,833	21,555,551
42	Other gas utilities	11,914,978	11,916,856	12,905,968	11,650,806	11,776,794
49	Total disposition (39 + 40 + 41 + 42)	143,648,741	133,029,776	139,207,970	118,536,971	105,885,936

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1964

June	July	August	September ^r	October	November	December	Year to date		No.
							1964	1963 ^r	
Mcf.									
5,362,513 46,554,850	4,554,284 46,568,210	5,508,523 47,815,787	6,353,153 49,852,221	7,673,994 57,226,383			66,271,668 522,372,551	57,671,080 454,337,936	1a 1b
3,387,048 9,133,565	2,828,550 9,398,900	3,148,243 9,554,680	5,450,517 10,525,852	6,351,906 10,698,835			58,680,471 110,210,650	55,939,811 107,399,863	2a 2b
64,437,976	63,349,944	66,027,233	72,181,743	81,951,118			757,535,340	675,348,690	3
826,445 2,506	852,674 5,381	858,444 60,558	746,085 4,069	157,258 2,490			7,978,333 180,088	6,800,891 185,219	4 5
65,266,927	64,207,999	66,946,235	72,931,897	82,110,866			765,693,761	682,334,800	6
125,708	117,570	120,999	429,236	855,110			17,811,081	17,940,465	7
65,392,635	64,325,569	67,067,234	73,361,133	82,965,976			783,504,842	700,275,265	9
...	...	...	...	...			...	...	11
2,126,914 27,865,728	1,271,656 29,440,164	1,367,885 31,188,372	3,019,129 31,244,348	1,398,275 38,662,447			18,212,602 359,289,415	41,766,731 305,986,371	12 13
95,385,277	95,037,389	99,623,491	107,624,610	123,026,698			1,161,006,859	1,048,028,367	19
6,042,230 22,338,870 3,165,502	3,742,788 20,272,216 2,220,583	3,402,101 20,905,570 2,297,817	5,307,787 21,821,055 3,877,500	9,634,677 23,444,058 5,360,711			125,506,040 211,661,160 63,325,820	113,716,634 192,564,386 54,372,487	20 21 22
31,546,602	26,235,587	26,605,488	31,006,342	38,439,446			400,493,020	360,653,507	30
29,084,975 530,446	28,321,484 551,636	29,048,126 399,257	30,929,631 886,219	34,441,311 187,566			320,861,665 4,713,715	290,545,927 637,075	31 32
61,162,023	55,108,707	56,052,871	62,822,192	73,068,323			726,068,400	651,836,509	33
4,097,801 - 42,240	7,183,678 - 220,936	5,978,310 478,399	4,361,571 - 198,863	1,890,915 403,009			33,840,801 391,518	34,752,952 - 20,148	34 35
2,085,107 - 1,910,056	1,968,125 285,995	1,700,557 2,857,097	2,161,198 4,215,035	2,382,704 5,221,025			22,749,778 454,345	16,837,071 - 3,131,119	36 37
65,392,635	64,325,569	67,067,234	73,361,133	82,965,976			783,504,842	700,275,265	39
...	...	...	...	...			...	...	40
19,896,518 10,096,124	18,136,148 12,575,672	19,989,549 12,566,708	22,244,472 12,019,005	27,118,053 12,942,669			257,136,437 120,365,580	225,385,887 122,367,215	41 42
95,385,277	95,037,389	99,623,491	107,624,610	123,026,698			1,161,006,859	1,048,028,367	49

^r Revised figures.

TABLE 3. Receipts and Disposition of Natural Gas by Source

October 1964

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	7,291,322	382,672	...	7,673,99
1b	Processing plants	-	-	-	47,353,866	9,872,517	...	57,226,38
2	By distribution systems:							
2a	Fields	7,117	894,621	798,462	4,638,196	13,510	...	6,351,90
2b	Processing plants	-	-	2,010,774	8,656,234	31,827	...	10,698,83
3	Total (1 + 2)	7,117	894,621	2,809,236	67,939,618	10,300,526	...	81,951,11
4	Imports .....	...	...	...	...	...	157,258	157,25
5	Other receipts (1)	-	-	-	2,490	-	...	2,49
6	Total net receipts (3 + 4 + 5)	7,117	894,621	2,809,236	67,942,108	10,300,526	157,258	82,110,86
7	Received from storage	-	773,667	1,688	79,755	-	...	855,11
9	Total supply of gas utilities (6 + 7)	7,117	1,668,288	2,810,924	68,021,863	10,300,526	157,258	82,965,97
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	833,056	2,688,162	-	3,521,21
24	Alberta	-	-	-	12,040,159	-	5,794	12,045,95
25	Saskatchewan	-	-	1,604,697	1,936,361	-	-	3,541,05
26	Manitoba	-	-	472,592	1,465,814	-	-	1,938,40
27	Ontario	-	1,457,510	-	12,884,514	-	151,464	14,493,48
28	Quebec	-	-	-	2,894,703	-	-	2,894,70
29	New Brunswick	4,620	-	-	-	-	-	4,62
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	4,620	1,457,510	2,077,289	32,054,607	2,688,162	157,258	38,439,44
31	Exports	-	-	-	27,362,331	7,078,980	...	34,441,31
32	Other deliveries	-	-	-	187,566	-	...	187,56
33	Total net deliveries (30 + 31 + 32)	4,620	1,457,510	2,077,289	59,604,504	9,767,142	157,258	73,068,32
34	Delivered to storage	-	-	243,686	1,647,229	-	-	1,890,91
35	Line pack fluctuation	-	-	- 15,858	241,025	177,842	-	403,00
36	Gas used in system	-	29,985	50,760	2,127,552	174,407	-	2,382,70
37	Line losses and unaccounted for	2,497	180,793	455,047	4,401,553	181,135	-	5,221,02
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	7,117	1,668,288	2,810,924	68,021,863	10,300,526	157,258	82,965,97

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

October 1964

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
October 1964:			
Daily average	1,985,785	1,239,982	2,418,039
Maximum(1)	2,440,238	...	...
Minimum(1)	1,850,247	...	...
Exports maximum(1)	1,196,588	...	1,196,588
October 1963 ^r :			
Daily average	1,612,006	991,238	2,059,854
Maximum(1)	2,068,208	...	...
Minimum(1)	1,350,474	...	...
Year to date 1964:			
Daily average	1,725,367	1,195,501	2,268,385
Maximum(1)	2,732,436	...	...
Minimum(1)	1,362,645	...	...
Commodity miles:			
Mcf. miles (thousands)	59,012,865	..	..
Ton-miles (millions)	1,345	..	..
Line pack:			
Beginning of month (Mcf.)	6,641,152	..	..
End of month (Mcf.)	7,043,945	..	..
Operating revenues	(\$)20,012,062	(\$)23,904,650 ^r	(\$)33,934,063

(1) Non-coincident.

(2) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

^r Revised figures.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

October 1964

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	56,226	155,268
Deliveries to ultimate customers	52,860	139,416 ^r
Line pack fluctuations	-	39
Gas used in system	- 39	1,030
Metering difference, line losses, cyclical billing adjustments and unaccounted for	3,405	14,783
Total disposition	56,226	155,268
Daily average sendout	1,705	4,497
Revenues	(\$)39,536	(\$)144,282 ^r

^r Revised figures.

TABLE 6. Exports and Imports to and from the United States
October 1964

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	206,342	-
Ojibway, Ontario	-	151,464
Emerson, Manitoba	6,339,835	-
Coutts, Alberta	124	5,794
Aden, Alberta	1,200,431	-
Carway, Alberta	929,228	-
Kingsgate, British Columbia - U.S.A. District V South(1)	13,032,339	-
Other U.S.A.	3,949,903	-
Huntingdon, British Columbia	8,783,109	-
Canada - 1964	34,441,311	157,258
1963	29,289,379	68,025

(1) California, Nevada, Arizona.

CATALOGUE No.

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GAS UTILITIES

(Transport and Distribution Systems)

NOVEMBER 1964

During November 1964 field gathering systems and processing plants delivered to gas utilities 87,883,716 Mcf. of natural gas. The transport systems accounted for 66,792,525 Mcf. and the distribution systems 21,091,191 Mcf. Natural gas received from storage was 3,779,867 Mcf. The total supply of gas utilities amounted to 91,694,208 Mcf., 10.1 per cent higher than in November 1963. Of the total supply, 44,888,338 Mcf. were sold to ultimate customers in Canada, an increase of 12.2 per cent. Exports rose 4.4 per cent to 34,512,407 Mcf. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and deliveries to storage. The distribution systems received from the transport systems 32,892,232 Mcf. of natural gas, an increase of 20.4 per cent. For the twelve-month period ended November 1964, exports totalled 391,362,714 Mcf., while net deliveries amounted to 892,763,249 Mcf.

The transport systems which represent virtually all of the major "intercity" movements of natural gas had traffic amounting to 58.8 billion commodity (Mcf.) miles during November compared with 52.2 billion last year. Ton-miles totalled 1,340 million for November 1964. The daily average deliveries of gas utilities amounted to 2.7 million Mcf.

Alberta natural gas utility receipts totalled 72.1 billion cubic feet; of this 14.2 per cent was sold to ultimate customers in Alberta, 12.3 per cent in Ontario, 3.0 per cent in Quebec, 2.3 per cent in Saskatchewan, 2.1 per cent in Manitoba and 1.0 per cent in British Columbia. In Table 3 gas received from and delivered to storage is considered as having originated or terminated in the province where the storage is located.

Revenue for the natural gas utilities for the month was \$39,103,205 and for manufactured and liquefied petroleum gases systems \$213,963, giving a combined Gas Utilities total of \$39,317,168.

All gas volumes are given in cubic feet measured at 14.73 p.s.i.a. and 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports in cubic feet containing 1,000 B.T.U.'s at 14.73 p.s.i.a. and 60°F are given separately in Tables 4 and 5 in the companion publication, "Sales of Manufactured and Natural Gas", Catalogue number 45-005.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue number 26-006 gives the Supply and Disposition of Natural Gas by Source.

Industry Division

March 1965
6511-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

November 1964

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	7,519	-	1,203,837
2b	Processing plants	-	-	-
3	Total (1 + 2)	7,519	-	1,203,837
4	Imports	-	-	-
5	Other receipts(1)	-	-	-
6	Total net receipts (3 + 4 + 5)	7,519	-	1,203,837
7	Received from storage	-	-	3,225,719
9	Total supply of gas utilities (6 + 7)	7,519	-	4,429,556
	Transfers from:			
11	Other provinces	-	3,112,970	19,838,355
12	Distribution to transport (primary)	-	-	661,792
13	Other gas utilities	-	3,112,970	24,575,392
19	Total gross receipts (9 + 11 + 12 + 13) ...	7,519	6,225,940	49,505,095
	<u>Disposition</u>			
	Sales:			
20	Residential	5,177	985,990	5,469,754
21	Industrial	-	1,779,741	8,141,852
22	Commercial	-	239,284	2,756,888
30	Total sales (20 + 21 + 22)	5,177	3,005,015	16,368,494
31	Exports	-	-	274,237
32	Other deliveries	-	-	658
33	Total net deliveries (30 + 31 + 32)	5,177	3,005,015	16,643,389
34	Delivered to storage	-	-	277,896
35	Line pack fluctuation	-	3,213	- 18,201
36	Gas used in system	-	12,240	1,124,343
37	Line losses and unaccounted for	2,342	92,502	3,127,514
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	7,519	3,112,970	21,154,941
	Transfers to:			
40	Other provinces	-	-	3,112,970
41	Distribution by transport (primary)	-	3,112,970	18,530,140
42	Other gas utilities	-	-	6,707,044
49	Total disposition (39 + 40 + 41 + 42)	7,519	6,225,940	49,505,095

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

November 1964

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	November ^F 1963	No.
					Canada	
Mcf.						
-	-	8,287,483	352,963	8,640,446	6,984,624	1a
-	-	46,802,473	11,349,606	58,152,079	52,661,596	1b
-	928,477	6,783,221	20,909	8,943,963	8,339,544	2a
-	2,127,561	9,965,760	53,907	12,147,228	12,924,318	2b
-	3,056,038	71,838,937	11,777,385	87,883,716	80,910,082	3
-	-	10,113	-	10,113	9,773	4
20,512	-	-	-	20,512	10,240	5
20,512	3,056,038	71,849,050	11,777,385	87,914,341	80,930,095	6
-	283,645	270,503	-	3,779,867	2,329,767	7
20,512	3,339,683	72,119,553	11,777,385	91,694,208	83,259,862	9
29,621,874	32,898,608	-	19,036,088	...	...	11
-	688,020	396,504	-	1,746,316	2,968,330	12
3,041,778	2,753,201	3,452,095	5,064,973	42,000,409	36,305,214	13
32,684,164	39,679,512	75,968,152	35,878,446	135,440,933	122,533,406	19
979,914	1,182,358	3,648,371	1,844,034	14,115,598	11,959,412	20
715,470	2,466,893	7,550,320	2,248,156	22,902,432	22,007,749	21
688,494	571,168	3,016,021	598,453	7,870,308	6,039,943	22
2,383,878	4,220,419	14,214,712	4,690,643	44,888,338	40,007,104	30
6,114,757	-	2,726,307	25,397,106	34,512,407	33,071,691	31
-	-	213,587	-	214,245	92,626	32
8,498,635	4,220,419	17,154,606	30,087,749	79,614,990	73,171,421	33
-	60,253	385,134	-	723,283	687,550	34
- 5,685	- 1,801	- 16,950	- 52,204	- 91,628	280,533	35
536,310	1,131,524	82,097	335,684	3,222,198	1,805,843	36
774,771	1,206,022	2,579,970	442,244	8,225,365	7,314,515	37
9,804,031	6,616,417	20,184,857	30,813,473	91,694,208	83,259,862	39
19,838,355	29,621,874	51,934,696	-	...	...	40
3,041,778	2,753,201	519,833	4,934,310	32,892,232	27,309,709	41
-	688,020	3,328,766	130,663	10,854,493	11,963,835	42
32,684,164	39,679,512	75,968,152	35,878,446	135,440,933	122,533,406	49

^F Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1964

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	8,082,197	7,536,571	8,123,028	7,079,847	5,997,558
1b	Processing plants	59,356,924	55,783,590	57,861,379	52,875,619	48,477,588
2	By distribution systems:					
2a	Fields	8,618,465	7,709,039	10,057,374	6,890,691	4,238,638
2b	Processing plants	14,340,369	12,676,726	12,782,801	10,624,256	10,474,666
3	Total (1 + 2)	90,397,955	83,705,926	88,824,582	77,470,413	69,188,450
4	Imports	12,330	9,898	11,539	1,655,234	2,848,426
5	Other receipts(1)	65,536	18,340	9,929	6,061	5,218
6	Total net receipts (3 + 4 + 5)	90,475,821	83,734,164	88,846,050	79,131,708	72,042,094
7	Received from storage	6,075,333	4,719,049	3,700,955	1,155,624	511,497
9	Total supply of gas utilities (6 + 7)	96,551,154	88,453,213	92,547,005	80,287,332	72,553,591
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary)	1,115,736	1,065,673	2,523,361	1,497,515	2,826,458
13	Other gas utilities	45,981,851	43,510,890	44,137,604	36,752,124	30,505,887
19	Total gross receipts (9 + 11 + 12 + 13) ...	143,648,741	133,029,776	139,207,970	118,536,971	105,885,936
	<u>Disposition</u>					
	Sales:					
20	Residential	26,037,617	22,076,532	20,845,693	18,366,182	10,050,433
21	Industrial	20,146,835	18,948,525	20,767,171	21,562,713	21,454,147
22	Commercial	12,098,782	10,226,998	10,091,415	8,849,161	5,137,351
30	Total sales (20 + 21 + 22)	58,283,234	51,252,055	51,704,279	48,778,056	36,641,931
31	Exports	36,341,974	34,210,271	34,637,621	32,295,319	31,550,953
32	Other deliveries	241,750	211,370	390,420	807,823	507,228
33	Total net deliveries (30 + 31 + 32)	94,866,958	85,673,696	86,732,320	81,881,198	68,700,112
34	Delivered to storage	599,075	744,277	665,295	2,783,382	5,536,497
35	Line pack fluctuation	- 35,828	10,537	- 80,392	92,806	- 14,974
36	Gas used in system	2,671,670	2,645,654	2,832,444	2,495,544	1,806,775
37	Line losses and unaccounted for	- 1,550,721	- 620,951	2,397,338	- 6,965,598	- 3,474,819
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	96,551,154	88,453,213	92,547,005	80,287,332	72,553,591
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary)	35,182,609	32,659,707	33,754,997	26,598,833	21,555,551
42	Other gas utilities	11,914,978	11,916,856	12,905,968	11,650,806	11,776,794
49	Total disposition (39 + 40 + 41 + 42)	143,648,741	133,029,776	139,207,970	118,536,971	105,885,936

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1964

June	July	August	September	October	November	December	Year to date		No.
							1964	1963 ^r	
Mcf.									
5,362,513 46,554,850	4,554,284 46,568,210	5,508,523 47,815,787	6,353,153 49,852,221	7,270,025 ^r 57,630,352 ^r	8,640,446 58,152,079		74,508,145 580,928,599	64,655,704 506,999,532	1a 1b
3,387,048 9,133,565	2,828,550 9,398,900	3,148,243 9,554,680	5,450,517 10,525,852	6,351,906 10,698,835	8,943,963 12,147,228		67,624,434 122,357,878	64,279,355 120,324,181	2a 2b
64,437,976	63,349,944	66,027,233	72,181,743	81,951,118	87,883,716		845,419,056	756,258,772	3
826,445 2,506	852,674 5,381	858,444 60,558	746,085 4,069	157,258 2,490	10,113 20,512		7,988,446 200,600	6,810,664 195,459	4 5
65,266,927	64,207,999	66,946,235	72,931,897	82,110,866	87,914,341		853,608,102	763,264,895	6
125,708	117,570	120,999	429,236	855,110	3,779,869		21,590,948	20,270,232	7
65,392,635	64,325,569	67,067,234	73,361,133	82,965,976	91,694,208		875,199,050	783,535,127	9
2,126,914 27,865,728	1,271,656 29,440,164	1,367,885 31,188,372	3,019,129 31,244,348	1,398,275 38,662,447	1,746,316 42,000,409		19,958,918 401,289,824	44,735,061 342,291,585	11 12 13
95,385,277	95,037,389	99,623,491	107,624,610	123,026,698	135,440,933		1,296,447,792	1,170,561,773	19
6,042,230 22,338,870 3,165,502	3,742,788 20,272,216 2,220,583	3,402,101 20,905,570 2,297,817	5,307,787 21,821,055 3,877,500	9,634,677 23,444,058 5,360,711	14,115,598 22,902,432 7,870,308		139,621,638 234,563,592 71,196,128	125,676,046 214,572,135 60,412,430	20 21 22
31,546,602	26,235,587	26,605,488	31,006,342	38,439,446	44,888,338		445,381,358	400,660,611	30
29,084,975 530,446	28,321,484 551,636	29,048,126 399,257	30,929,631 886,219	34,441,311 187,566	34,512,407 214,245		355,374,072 4,927,960	323,617,618 729,701	31 32
61,162,023	55,108,707	56,052,871	62,822,192	73,068,323	79,614,990		805,683,390	725,007,930	33
4,097,801 - 42,240 2,085,107 - 1,910,056	7,183,678 - 220,936 1,968,125 285,995	5,978,310 478,399 1,700,557 2,857,097	4,361,571 - 198,863 2,161,198 4,215,035	1,890,915 403,009 2,382,704 5,221,025	723,283 - 91,628 3,222,198 8,225,365		34,564,084 299,890 25,971,976 8,679,710	35,440,502 260,385 18,642,914 4,183,396	34 35 36 37
65,392,635	64,325,569	67,067,234	73,361,133	82,965,976	91,694,208		875,199,050	783,535,127	39
19,896,518 10,096,124	18,136,148 12,575,672	19,989,549 12,566,708	22,244,472 12,019,005	27,118,053 12,942,669	32,892,232 10,854,493		290,028,669 131,220,073	252,695,596 134,331,050	40 41 42
95,385,277	95,037,389	99,623,491	107,624,610	123,026,698	135,440,933		1,296,447,792	1,170,561,773	49

^F Revised figures.

TABLE 3. Receipts and Disposition of Natural Gas by Source

November 1964

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	8,287,483	352,963	...	8,640,446
1b	Processing plants	-	-	-	46,802,473	11,349,606	...	58,152,079
2	By distribution systems:							
2a	Fields	7,519	1,203,837	928,477	6,783,221	20,909	...	8,943,963
2b	Processing plants	-	-	2,127,561	9,965,760	53,907	...	12,147,228
3	Total (1 + 2)	7,519	1,203,837	3,056,038	71,838,937	11,777,385	...	87,883,716
4	Imports .....	...	...	...	...	...	10,113	10,113
5	Other receipts(1)	-	-	-	20,512	-	...	20,512
6	Total net receipts (3 + 4 + 5)	7,519	1,203,837	3,056,038	71,859,449	11,777,385	10,113	87,914,341
7	Received from storage	-	3,225,719	283,645	270,503	-	...	3,779,867
9	Total supply of gas utilities (6 + 7)	7,519	4,429,556	3,339,683	72,129,952	11,777,385	10,113	91,694,208
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	967,298	3,723,345	-	4,690,643
24	Alberta	-	-	-	14,204,599	-	10,113	14,214,712
25	Saskatchewan	-	-	1,894,320	2,326,099	-	-	4,220,419
26	Manitoba	-	-	241,722	2,142,156	-	-	2,383,878
27	Ontario	-	4,078,202	-	12,290,292	-	-	16,368,494
28	Quebec	-	-	-	3,005,015	-	-	3,005,015
29	New Brunswick	5,177	-	-	-	-	-	5,177
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	5,177	4,078,202	2,136,042	34,935,459	3,723,345	10,113	44,888,338
31	Exports	-	-	-	26,999,146	7,513,261	...	34,512,407
32	Other deliveries	-	-	-	214,245	-	...	214,245
33	Total net deliveries (30 + 31 + 32)	5,177	4,078,202	2,136,042	62,148,850	11,236,606	10,113	79,614,990
34	Delivered to storage	-	-	60,253	663,030	-	-	723,283
35	Line pack fluctuation	-	-	5,779	- 28,102	- 69,305	-	- 91,628
36	Gas used in system	-	28,997	62,387	2,870,410	260,404	-	3,222,198
37	Line losses and unaccounted for	2,342	322,357	1,075,222	6,475,764	349,680	-	8,225,365
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	7,519	4,429,556	3,339,683	72,129,952	11,777,385	10,113	91,694,208

(1) Includes peak shaving and enrichment.

TABLE 4. Operating Statistics: Natural Gas Utilities

November 1964

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
November 1964:			
Daily average	2,246,821	1,496,278	2,677,942
Maximum(1)	2,843,723	...	...
Minimum(1)	1,988,508	...	...
Exports maximum(1)	1,230,302	...	1,230,302
November 1963 ^r :			
Daily average	2,012,713	1,333,570	2,461,966
Maximum(1)	2,447,839	...	...
Minimum(1)	1,794,535	...	...
Year to date 1964:			
Daily average	1,926,575	1,329,497	2,269,995
Maximum(1)	2,843,723	...	...
Minimum(1)	1,850,247	...	...
Commodity miles:			
Mcf. miles (thousands)	58,775,497	..	..
Ton-miles (millions)	1,340	..	..
Line pack:			
Beginning of month (Mcf.)	7,043,945	..	..
End of month (Mcf.)	6,916,106	..	..
Operating revenues	(\$)21,293,115	(\$)29,455,984	(\$)39,103,205

(1) Non-coincident.

(2) Interindustry revenues eliminated.

.. Figures not available.

... Figures not appropriate or not applicable.

^r Revised figures.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

November 1964

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	59,185	209,334
Deliveries to ultimate customers	56,464	191,724
Line pack fluctuations	-	812
Gas used in system	- 812	1,146
Metering difference, line losses, cyclical billing adjustments and unaccounted for	3,533	15,652
Total disposition	59,185	209,334
Daily average sendout	1,882	6,391
Revenues	(\$)42,792	(\$)171,171

TABLE 6. Exports and Imports to and from the United States

November 1964

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	274,237	-
Ojibway, Ontario	-	-
Emerson, Manitoba	6,114,757	-
Coutts, Alberta	156	10,113
Aden, Alberta	1,818,936	-
Carway, Alberta	907,215	-
Kingsgate, British Columbia - U.S.A. District V South(1)	12,136,876	-
Other U.S.A.	4,156,891	-
Huntingdon, British Columbia	9,103,339	-
Canada - 1964	34,512,407	10,113
1963	33,071,691	9,773

(1) California, Nevada, Arizona.

CATALOGUE No.

55-002

MONTHLY

DOMINION BUREAU OF STATISTICS

(OTTAWA - CANADA)

(Published by Authority of the Minister of Trade and Commerce)

Vol. 6, No. 12

Price: 20 cents, \$2.00 a year

Gas Utilities
(Transport and Distribution Systems)

December(1) 1964

For the twelve-month period January to December 1964, total net deliveries increased 11.1 per cent to 901,781,231 Mcf. from 812,038,024 Mcf. last year. Total net deliveries amounted to 2,560,920 Mcf./day. Exports for the twelve months of 1964 totalled 392,087,975 Mcf. compared with 359,606,260 Mcf. in 1963, up 9.0 per cent.

In December 1964 gas utilities received 101,472,104 Mcf. of natural gas from field gathering systems and processing plants. The transport systems accounted for 74,526,895 Mcf., while the distribution systems received 26,945,209 Mcf.; natural gas recovered from storage was 5,588,243 Mcf. The total supply of gas utilities totalled 108,845,204 Mcf., of this, 59,127,660 Mcf. were sold to ultimate customers in Canada, an increase of 16.1 per cent, while exports amounted to 36,713,903 Mcf., up 2.0 per cent over last year. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and small deliveries to storage. Transport systems delivered 40,464,741 Mcf. to distribution systems in December 1964.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 67.9 billion commodity (Mcf.) miles (1,549 million ton-miles) during December 1964 compared with 58.2 billion (1,328 million ton-miles) last year. Total commodity miles for the year 1964 were 671,452,354 Mcf. (15,307 million ton-miles) compared with 580,400,095 Mcf. (13,233 million ton-miles) last year.

Utility receipts of natural gas produced in Alberta totalled 84.6 billion cubic feet; of this, 23.4 per cent was sold to ultimate customers in Alberta, 16.8 per cent in Ontario, 4.0 per cent in Manitoba, 3.6 per cent in Saskatchewan, 3.5 per cent in Quebec and 1.5 per cent in British Columbia. Exports accounted for 34.6 per cent while the remaining 12.6 per cent was other deliveries, deliveries to storage, line pack changes, gas used in system and line losses and unaccounted for. In Table 3 gas received from and delivered to storage is considered as having originated or terminated in the province where the storage is located.

Revenue for the natural gas utilities for the month was \$51,842,460 and for manufactured and liquefied petroleum gases systems \$259,231 giving a combined Gas Utilities total of \$52,101,691.

All gas volumes are given in cubic feet measured at 14.73 p.s.i.a. and 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports in cubic feet containing 1,000 B.T.U.'s at 14.73 p.s.i.a. and 60°F are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue 26-006 gives the Supply and Disposition of Natural Gas by Source.

(1) Contains several revised figures (see tables).

Industry Division

March 1965
6511-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

December 1964

No.		New Brunswick	Quebec	Ontario ^x
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	9,343	-	1,577,062
2b	Processing plants	-	-	-
3	Total (1 + 2)	9,343	-	1,577,062
4	Imports	-	-	1,636,372
5	Other receipts(1)	-	-	-
6	Total net receipts (3 + 4 + 5)	9,343	-	3,213,434
7	Received from storage	-	-	4,283,247
9	Total supply of gas utilities (6 + 7)	9,343	-	7,496,681
	Transfers from:			
11	Other provinces	-	3,090,103	21,585,217
12	Distribution to transport (primary)	-	-	814,731
13	Other gas utilities	-	3,090,103	31,996,715
19	Total gross receipts (9 + 11 + 12 + 13) ...	9,343	6,180,206	61,893,344
	<u>Disposition</u>			
	Sales:			
20	Residential	5,206	1,336,269	9,534,025
21	Industrial	-	1,346,642	8,057,899
22	Commercial	-	322,468	3,961,159
30	Total sales (20 + 21 + 22)	5,206	3,005,379	21,553,083
31	Exports	-	-	224,248
32	Other deliveries	-	-	1,522
33	Total net deliveries (30 + 31 + 32)	5,206	3,005,379	21,778,853
34	Delivered to storage	-	-	513,811
35	Line pack fluctuation	-	- 8,221	150,356
36	Gas used in system	-	9,134	1,444,680
37	Line losses and unaccounted for	4,137	83,811	2,104,095
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	9,343	3,090,103	25,991,795
	Transfers to:			
40	Other provinces	-	-	3,090,103
41	Distribution by transport (primary)	-	3,090,103	22,877,444
42	Other gas utilities	-	-	9,934,002
49	Total disposition (39 + 40 + 41 + 42)	9,343	6,180,206	61,893,344

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

December 1964

Manitoba ^r	Saskatchewan	Alberta	British Columbia	Canada	December ^r 1963	No.
					Canada	
Mcf.						
-	40,243	9,441,366	404,519	9,886,128	7,779,710	1a
-	-	52,488,292	12,152,475	64,640,767	58,860,972	1b
-	1,084,047	10,326,787	27,934	13,025,173	9,650,136	2a
-	2,104,437	11,726,085	89,514	13,920,036	14,301,286	2b
-	3,228,727	83,982,530	12,674,442	101,472,104	90,592,104	3
-	-	15,958	-	1,652,330	12,710	4
74,818	-	6,967	50,742	132,527	61,939	5
74,818	3,228,727	84,005,455	12,725,184	103,256,961	90,666,753	6
-	723,786	581,210	-	5,588,243	7,359,548	7
74,818	3,952,513	84,586,665	12,725,184	108,845,204	98,026,301	9
32,929,238	37,072,050	-	21,111,415	-	-	11
-	845,209	332,920	-	1,992,860	3,285,502	12
4,224,456	3,361,341	4,206,610	6,121,451	53,000,676	46,159,102	13
37,228,512	45,231,113	89,126,195	39,958,050	163,838,740	147,470,905	19
1,871,482	2,139,002	6,412,870	2,631,855	23,930,709	20,180,322	20
569,584	2,136,534	8,644,189	2,190,718	22,945,566	20,806,654	21
1,237,247	1,088,958	4,802,422	839,131	12,251,385	9,950,711	22
3,678,313	5,364,494	19,859,481	5,661,704	59,127,660	50,937,687	30
6,364,214	-	2,894,676	27,230,765	36,713,903	35,988,642	31
-	-	260,386	-	261,908	103,765	32
10,042,527	5,364,494	23,014,543	32,892,469	96,103,471	87,030,094	33
-	73,148	364,585	-	951,544	520,079	34
35,295	50,565	122,940	33,082	384,017	143,260	35
681,328	1,435,059	122,529	461,317	4,154,047	2,552,148	36
659,689	1,172,059	2,778,603	449,731	7,252,125	7,780,720	37
11,418,839	8,095,325	26,403,200	33,836,599	108,845,204	98,026,301	39
21,585,217	32,929,238	58,183,465	-	-	-	40
4,224,456	3,361,341	978,686	5,932,711	40,464,741	35,871,114	41
-	845,209	3,560,844	188,740	14,528,795	13,573,490	42
37,228,512	45,231,113	89,126,195	39,958,050	163,838,740	147,470,905	49

^r Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1964

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	8,082,197	7,536,571	8,123,028	7,079,847	5,997,558
1b	Processing plants	59,356,924	55,783,590	57,861,379	52,875,619	48,477,588
2	By distribution systems:					
2a	Fields	8,618,465	7,709,039	10,057,374	6,890,691	4,238,638
2b	Processing plants	14,340,369	12,676,726	12,782,801	10,624,256	10,474,666
3	Total (1 + 2)	90,397,955	83,705,926	88,824,582	77,470,413	69,188,450
4	Imports	12,330	9,898	11,539	1,655,234	2,848,426
5	Other receipts(1)	65,536	18,340	9,929	6,061	5,218
6	Total net receipts (3 + 4 + 5)	90,475,821	83,734,164	88,846,050	79,131,708	72,042,094
7	Received from storage	6,075,333	4,719,049	3,700,955	1,155,624	511,497
9	Total supply of gas utilities (6 + 7)	96,551,154	88,453,213	92,547,005	80,287,332	72,553,591
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution by transport (primary)	1,115,736	1,065,673	2,523,361	1,497,515	2,826,458
13	Other gas utilities	45,981,851	43,510,890	44,137,604	36,752,124	30,505,887
19	Total gross receipts (9 + 11 + 12 + 13) ...	143,648,741	133,029,776	139,207,970	118,536,971	105,885,936
	<u>Disposition</u>					
	Sales:					
20	Residential	26,037,617	22,076,532	20,845,693	18,366,182	10,050,433
21	Industrial	20,146,835	18,948,525	20,767,171	21,562,713	21,454,147
22	Commercial	12,098,782	10,226,998	10,091,415	8,849,161	5,137,351
30	Total sales (20 + 21 + 22)	58,283,234	51,252,055	51,704,279	48,778,056	36,641,931
31	Exports	36,341,974	34,210,271	34,637,621	32,295,319	31,550,953
32	Other deliveries	241,750	211,370	390,420	807,823	507,228
33	Total net deliveries (30 + 31 + 32)	94,866,958	85,673,696	86,732,320	81,881,198	68,700,112
34	Delivered to storage	599,075	744,277	665,295	2,783,382	5,536,497
35	Line pack fluctuation	- 35,828	10,537	- 80,392	92,806	- 14,974
36	Gas used in system	2,671,670	2,645,654	2,832,444	2,495,544	1,806,775
37	Line losses and unaccounted for	- 1,550,721	- 620,951	2,397,338	- 6,965,598	- 3,474,819
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	96,551,154	88,453,213	92,547,005	80,287,332	72,553,591
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary)	35,182,609	32,659,707	33,754,997	26,598,833	21,555,551
42	Other gas utilities	11,914,978	11,916,856	12,905,968	11,650,806	11,776,794
49	Total disposition (39 + 40 + 41 + 42)	143,648,741	133,029,776	139,207,970	118,536,971	105,885,936

(1) Includes peak shaving and enrichment.
... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1964

June	July	August	September	October	November [†]	December [†]	Year to date		No.
							1964	1963 [†]	
Mcf.									
5,362,513 46,554,850	4,554,284 46,568,210	5,508,523 47,815,787	6,353,153 49,852,221	7,270,025 57,630,352	8,640,446 58,152,079	9,886,128 64,640,767	84,394,273 645,569,366	72,435,414 565,860,504	1a 1b
3,387,048 9,133,565	2,828,550 9,398,900	3,148,243 9,554,680	5,450,517 10,525,852	6,351,906 10,698,835	8,943,963 12,147,228	13,025,173 13,920,036	80,649,607 136,277,914	73,929,491 134,625,467	2a 2b
64,437,976	63,349,944	66,027,233	72,181,743	81,951,118	87,883,716	101,472,104	946,891,160	846,850,876	3
826,445 2,506	852,674 5,381	858,444 60,558	746,085 4,069	157,258 2,490	10,113 20,512	1,652,330 132,527	9,640,776 333,127	6,823,374 257,398	4 5
65,266,927	64,207,999	66,946,235	72,931,897	82,110,866	87,914,341	103,256,961	956,865,063	853,931,648	6
125,708	117,570	120,999	429,236	855,110	3,779,867	5,588,243	27,179,191	27,629,780	7
65,392,635	64,325,569	67,067,234	73,361,133	82,965,976	91,694,208	108,845,204	984,044,254	881,561,428	9
...	...	...	...	...	...	...	...	...	11
2,126,914 27,865,728	1,271,656 29,440,164	1,367,885 31,188,372	3,019,129 31,244,348	1,398,275 38,662,447	1,746,316 42,000,409	1,992,860 53,000,676	21,951,778 454,290,500	48,020,563 388,450,687	12 13
95,385,277	95,037,389	99,623,491	107,624,610	123,026,698	135,440,933	163,838,740	1,460,286,532	1,318,032,678	19
6,042,230 22,338,870 3,165,502	3,742,788 20,272,216 2,220,583	3,402,101 20,905,570 2,297,817	5,307,787 21,821,055 3,877,500	9,634,677 23,444,058 5,360,711	14,188,982 22,795,605 7,898,121	23,930,709 22,945,566 12,251,385	163,625,731 257,402,331 83,475,326	145,856,368 235,378,789 70,363,141	20 21 22
31,546,602	26,235,587	26,605,488	31,006,342	38,439,446	44,882,708	59,127,660	504,503,388	451,598,298	30
29,084,975 530,446	28,321,484 551,636	29,048,126 399,257	30,929,631 886,219	34,441,311 187,566	34,512,407 214,245	36,713,903 261,908	392,087,975 5,189,868	359,606,260 833,466	31 32
61,162,023	55,108,707	56,052,871	62,822,192	73,068,323	79,609,360	96,103,471	901,781,231	812,038,024	33
4,097,801 - 42,240 2,085,107 1,910,056	7,183,678 - 220,936 1,968,125 285,995	5,978,310 478,399 1,700,557 2,857,097	4,361,571 - 198,863 2,161,198 4,215,035	1,890,915 403,009 2,382,704 5,221,025	723,283 - 91,628 3,222,198 8,230,995	951,544 384,017 4,154,047 7,252,125	35,515,628 683,907 30,126,023 15,937,465	35,960,581 403,645 21,195,062 11,964,116	34 35 36 37
65,392,635	64,325,569	67,067,234	73,361,133	82,965,976	91,694,208	108,845,204	984,044,254	881,561,428	39
...	...	...	...	...	...	...	...	...	40
19,896,518 10,096,124	18,136,148 12,575,672	19,989,549 12,566,708	22,244,472 12,019,005	27,118,053 12,942,669	32,892,232 10,854,493	40,464,741 14,528,795	330,493,410 145,748,868	288,566,710 147,904,540	41 42
95,385,277	95,037,389	99,623,491	107,624,610	123,026,698	135,440,933	163,838,740	1,460,286,532	1,318,032,678	49

Revised figures.

TABLE 3. Receipts and Disposition of Natural Gas by Source

December 1964

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	40,243	9,441,366	404,519	...	9,886,1...
1b	Processing plants	-	-	-	52,488,292	12,152,475	...	64,640,7...
2	By distribution systems:							
2a	Fields	9,343	1,577,062	1,084,047	10,326,787	27,934	...	13,025,1...
2b	Processing plants	-	-	2,104,437	11,726,085	89,514	...	13,920,0...
3	Total (1 + 2)	9,343	1,577,062	3,228,727	83,982,530	12,674,442	...	101,472,1...
4	Imports .....	...	...	...	...	...	1,652,330	1,652,330
5	Other receipts (1)	-	-	-	81,785	50,742	...	132,5...
6	Total net receipts (3 + 4 + 5)	9,343	1,577,062	3,228,727	84,064,315	12,725,184	1,652,330	103,256,9...
7	Received from storage	-	4,283,247	723,786	581,210	-	...	5,588,2...
9	Total supply of gas utilities (6 + 7)	9,343	5,860,309	3,952,513	84,645,525	12,725,184	1,652,330	108,845,2...
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	1,251,773	4,409,931	-	5,661,70...
24	Alberta	-	-	-	19,843,523	-	15,958	19,859,4...
25	Saskatchewan	-	-	2,355,085	3,009,409	-	-	5,364,4...
26	Manitoba	-	-	326,032	3,352,281	-	-	3,678,31...
27	Ontario	-	5,674,093	-	14,242,618	-	1,636,372	21,553,0...
28	Quebec	-	-	-	3,005,379	-	-	3,005,37...
29	New Brunswick	5,206	-	-	-	-	-	5,206...
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	5,206	5,674,093	2,681,117	44,704,983	4,409,931	1,652,330	59,127,6...
31	Exports	-	-	-	29,266,644	7,447,259	...	36,713,9...
32	Other deliveries	-	-	-	261,908	-	...	261,908...
33	Total net deliveries (30 + 31 + 32)	5,206	5,674,093	2,681,117	74,233,535	11,857,190	1,652,330	96,103,4...
34	Delivered to storage	-	-	73,148	878,396	-	-	951,54...
35	Line pack fluctuation	-	-	3,505	347,524	32,988	-	384,01...
36	Gas used in system	-	45,771	78,159	3,655,630	374,487	-	4,154,0...
37	Line losses and unaccounted for	4,137	140,445	1,116,584	5,530,440	460,519	-	7,252,12...
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	9,343	5,860,309	3,952,513	84,645,525	12,725,184	1,652,330	108,845,2...

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

December 1964

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
December 1964:			
Daily average	2,489,634	1,907,344	3,130,807
Maximum(1)	3,010,975	...	...
Minimum(1)	2,175,567	...	...
Exports maximum(1)	1,252,322	...	1,252,322
December 1963 ^r :			
Daily average	2,318,057	1,643,151	2,824,199
Maximum(1)	2,677,506	...	...
Minimum(1)	2,072,572	...	...
Year to date 1964:			
Daily average	1,974,266	1,378,425	2,560,920
Maximum(1)	3,010,975	...	...
Minimum(1)	1,850,247	...	...
Commodity miles:			
Mcf. miles (thousands)	67,932,325	..	..
Ton-miles (millions)	1,549	..	..
Line pack:			
Beginning of month (Mcf.)	6,916,106	..	..
End of month (Mcf.)	7,296,414	..	..
Operating revenues	(\$)24,929,559	(\$)40,351,362 ^r	(\$)51,842,460

- (1) Non-coincident.
(2) Interindustry revenues eliminated.
.. Figures not available.
... Figures not appropriate or not applicable.
^r Revised figures.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

December 1964

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	65,172	293,137
Deliveries to ultimate customers	62,437	276,633
Line pack fluctuations	-	1,924
Gas used in system	- 1,924	1,608
Metering difference, line losses, cyclical billing adjustments and unaccounted for	4,659	12,972
Total disposition	65,172	293,137
Daily average sendout	2,014	8,924
Revenues	(\$)42,941	(\$)216,290

TABLE 6. Exports and Imports to and from the United States

December 1964

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	224,248	-
Ojibway, Ontario	-	1,636,372(2)
Emerson, Manitoba	6,364,214	-
Coutts, Alberta	330	15,958
Aden, Alberta	1,902,565	-
Carway, Alberta	991,781	-
Kingsgate, British Columbia - U.S.A. District V South(1)	13,655,554	-
Other U.S.A.	4,528,409	-
Huntingdon, British Columbia	9,046,802	-
Canada - 1964	36,713,903	1,652,330
1963	35,988,642	12,710

(1) California, Nevada, Arizona.

(2) Import of 1,636,372 Mcf. entered at customs port of Niagara Falls.

CATALOGUE No.

55-002

MONTHLY

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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GAS UTILITIES

(Transport and Distribution Systems)

JANUARY 1965

During January 1965 field gathering systems and processing plants delivered to gas utilities 100,816,671 Mcf. of natural gas. The transport systems accounted for 75,916,355 Mcf. and the distribution systems 24,900,316 Mcf. Natural gas recovered from storage was 9,325,261 Mcf. The total supply of gas utilities amounted to 110,385,670 Mcf., 14.3 per cent higher than in January 1964. Of the total supply, 66,603,583 Mcf. were sold to ultimate customers in Canada, an increase of 14.3 per cent. Exports rose slightly to 36,599,820 Mcf. from 36,341,974 Mcf. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and deliveries to storage. The distribution systems received from the transport systems 44,305,816 Mcf. of natural gas, an increase of 25.9 per cent. For the twelve-month period ended January 1965, exports totalled 392,497,275 Mcf., while net deliveries amounted to 910,515,662 Mcf.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 66.2 billion commodity (Mcf.) miles (1,510 million ton-miles) during January 1965 compared with 58.5 billion (1,334 million ton-miles) last year. The daily average deliveries of gas utilities amounted to 3.4 million Mcf.

Alberta natural gas utility receipts totalled 83.5 billion cubic feet; of this, 25.7 per cent was sold to ultimate customers in Alberta, 17.5 per cent in Ontario, 5.2 per cent in Manitoba, 3.8 per cent in Quebec, 3.6 per cent in Saskatchewan and 1.6 per cent in British Columbia. Exports accounted for 35.1 per cent while the remaining 7.5 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for. In Table 3 gas received from and delivered to storage is considered as having originated or terminated in the province where the storage is located.

All gas volumes are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports containing 1,000 B.T.U.'s at 14.73 p.s.i.a. at 60°F are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue 26-006 gives the Supply and Disposition of Natural Gas by Source.

Industry Division

May 1965
6511-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

January 1965

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	11,446	-	1,470,195
2b	Processing plants	-	-	-
3	Total (1 + 2)	11,446	-	1,470,195
4	Imports	-	-	120,239
5	Other receipts(1)	-	-	-
6	Total net receipts (3 + 4 + 5)	11,446	-	1,590,434
7	Received from storage	-	-	8,274,140
9	Total supply of gas utilities (6 + 7)	11,446	-	9,864,574
	Transfers from:			
11	Other provinces	-	3,271,342	21,929,906
12	Distribution to transport (primary)	-	-	499,216
13	Other gas utilities	-	3,271,342	33,996,056
19	Total gross receipts (9 + 11 + 12 + 13) ...	11,446	6,542,684	66,289,752
	<u>Disposition</u>			
	Sales:			
20	Residential	6,379	1,646,399	11,796,504
21	Industrial	-	1,137,115	7,583,320
22	Commercial	-	394,082	4,740,204
30	Total sales (20 + 21 + 22)	6,379	3,177,596	24,120,028
31	Exports	-	-	327,866
32	Other deliveries	-	-	1,430
33	Total net deliveries (30 + 31 + 32)	6,379	3,177,596	24,449,324
34	Delivered to storage	-	-	9,186
35	Line pack fluctuation	-	12,232	- 95,381
36	Gas used in system	-	10,480	1,491,178
37	Line losses and unaccounted for	5,067	71,034	2,668,831
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	11,446	3,271,342	28,523,138
	Transfers to:			
40	Other provinces	-	-	3,271,342
41	Distribution by transport (primary)	-	3,271,342	25,652,979
42	Other gas utilities	-	-	8,842,293
49	Total disposition (39 + 40 + 41 + 42)	11,446	6,542,684	66,289,752

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

January 1965

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	January 1964	No.
					Canada	
Mcf.						
-	76,075	9,014,422	487,447	9,577,944	8,082,197	1a
-	-	53,867,266	12,471,145	66,338,411	59,356,924	1b
-	1,176,860	8,913,306	27,864	11,599,671	8,618,465	2a
-	1,993,421	11,221,191	86,033	13,300,645	14,340,369	2b
-	3,246,356	83,016,185	13,072,489	100,816,671	90,397,955	3
-	-	15,044	-	135,283	12,577 ^r	4
108,455	-	-	-	108,455	65,536	5
108,455	3,246,356	83,031,229	13,072,489	101,060,409	90,476,068	6
-	716,384	334,737	-	9,325,261	6,075,333	7
108,455	3,962,740	83,365,966	13,072,489	110,385,670	96,551,401	9
33,559,276	37,779,045	-	21,170,221	...	...	11
-	826,910	-	-	1,326,126	1,115,736	12
4,531,333	3,384,439	4,554,162	6,483,463	56,220,795	45,981,851	13
38,199,064	45,953,134	87,920,128	40,726,173	167,932,591	143,648,988	19
2,393,546	3,290,021	7,771,442	2,659,870	29,564,161	26,037,617	20
610,224	1,884,583	8,526,754	2,754,819	22,496,815	20,146,835	21
1,547,684	1,719,751	5,189,414	951,472	14,542,607	12,098,782	22
4,551,454	6,894,355	21,487,610	6,366,161	66,603,583	58,283,234	30
6,383,976	-	2,727,739	27,160,239	36,599,820	36,341,974	31
-	-	245,102	-	246,532	241,750	32
10,935,430	6,894,355	24,460,451	33,526,400	103,449,935	94,866,958	33
-	115,931	368,829	-	493,946	599,075	34
- 24,525	- 43,542	- 12,718	207,301	43,367	- 35,828	35
690,468	1,452,951	101,601	474,914	4,221,592	2,671,670	36
136,452	- 237,186	- 501,463	34,095	2,176,830	- 1,550,474	37
11,737,825	8,182,509	24,416,700	34,242,710	110,385,670	96,551,401	39
21,929,906	33,559,276	58,949,266	-	...	...	40
4,531,333	3,384,439	1,160,535	6,305,188	44,305,816	35,182,609	41
-	826,910	3,393,627	178,275	13,241,105	11,914,978	42
38,199,064	45,953,134	87,920,128	40,726,173	167,932,591	143,648,988	49

^r Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1965

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	9,577,944				
1b	Processing plants	66,338,411				
2	By distribution systems:					
2a	Fields	11,599,671				
2b	Processing plants	13,300,645				
3	Total (1 + 2)	100,816,671				
4	Imports	135,283				
5	Other receipts(1)	108,455				
6	Total net receipts (3 + 4 + 5)	101,060,409				
7	Received from storage	9,325,261				
9	Total supply of gas utilities (6 + 7)	110,385,670				
	Transfers from:					
11	Other provinces .....	...			
12	Distribution to transport (primary)	1,326,126				
13	Other gas utilities	56,220,795				
19	Total gross receipts (9 + 11 + 12 + 13) ...	167,932,591				
	<u>Disposition</u>					
	Sales:					
20	Residential	29,564,161				
21	Industrial	22,496,815				
22	Commercial	14,542,607				
30	Total sales (20 + 21 + 22)	66,603,583				
31	Exports	36,599,820				
32	Other deliveries	246,532				
33	Total net deliveries (30 + 31 + 32)	103,449,935				
34	Delivered to storage	493,946				
35	Line pack fluctuation	43,367				
36	Gas used in system	4,221,592				
37	Line losses and unaccounted for	2,176,830				
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	110,385,670				
	Transfers to:					
40	Other provinces .....	...			
41	Distribution by transport (primary)	44,305,816				
42	Other gas utilities	13,241,105				
49	Total disposition (39 + 40 + 41 + 42)	167,932,591				

(1) Includes peak shaving and enrichment.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1965

June	July	August	September	October	November	December	Year to date(1)		No.
							1965	1964	
				Mcf.					1a 1b
									2a 2b
									3
									4
									5
									6
									7
									9
									11 12 13
									19
									20 21 22
									30
									31 32
									33
									34 35 36 37
									39
									40 41 42
									49

(1) See columns 5 and 6 on page 3 of this report.
... Figures not appropriate or not applicable.

January 1965

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	76,075	9,014,422	487,447	...	9,577,944
1b	Processing plants	-	-	-	53,867,266	12,471,145	...	66,338,411
2	By distribution systems:							
2a	Fields	11,446	1,470,195	1,176,860	8,913,306	27,864	...	11,599,671
2b	Processing plants	-	-	1,993,421	11,221,191	86,033	...	13,300,645
3	Total (1 + 2)	11,446	1,470,195	3,246,356	83,016,185	13,072,489	...	100,816,671
4	Imports .....	...	...	...	...	...	135,283	135,283
5	Other receipts(1)	-	-	-	108,455	-	...	108,455
6	Total net receipts (3 + 4 + 5)	11,446	1,470,195	3,246,356	83,124,640	13,072,489	135,283	101,060,409
7	Received from storage	-	8,274,140	716,384	334,737	-	...	9,325,261
9	Total supply of gas utilities (6 + 7)	11,446	9,744,335	3,962,740	83,459,377	13,072,489	135,283	110,385,670
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	1,306,594	5,059,567	-	6,366,161
24	Alberta	-	-	-	21,472,566	-	15,044	21,487,610
25	Saskatchewan	-	-	3,884,190	3,010,165	-	-	6,894,355
26	Manitoba	-	-	200,403	4,351,051	-	-	4,551,454
27	Ontario	-	9,357,947	-	14,641,842	-	120,239	24,120,028
28	Quebec	-	-	-	3,177,596	-	-	3,177,596
29	New Brunswick	6,379	-	-	-	-	-	6,379
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	6,379	9,357,947	4,084,593	47,959,814	5,059,567	135,283	66,603,583
31	Exports	-	-	-	29,256,627	7,343,193	-	36,599,820
32	Other deliveries	-	-	-	246,532	-	-	246,532
33	Total net deliveries (30 + 31 + 32)	6,379	9,357,947	4,084,593	77,462,973	12,402,760	135,283	103,449,935
34	Delivered to storage	-	-	115,931	378,015	-	-	493,946
35	Line pack fluctuation	-	-	- 10,842	- 167,661	221,870	-	43,367
36	Gas used in system	-	47,887	79,173	3,707,738	386,794	-	4,221,592
37	Line losses and unaccounted for	5,067	338,501	- 306,115	2,078,312	61,065	-	2,176,830
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	11,446	9,744,335	3,962,740	83,459,377	13,072,489	135,283	110,385,670

(1) Includes peak shaving and enrichment.
... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

January 1965

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
January 1965:			
Daily average	2,609,859	2,148,503	3,353,028
Maximum(1)	3,086,555	...	...
Minimum(1)	2,094,639	...	...
Exports maximum(1)	1,242,820	...	1,242,820
January 1964:			
Daily average	2,307,245	1,880,104	3,079,549
Maximum(1)	2,732,436	...	...
Minimum(1)	2,087,418	...	...
Year to date 1965:			
Daily average	2,609,859	2,148,503	3,353,028
Maximum(1)	3,086,555	...	...
Minimum(1)	2,094,639	...	...
Commodity miles:			
Mcf. miles (thousands)	66,228,976	..	..
Ton-miles (millions)	1,510	..	..
Line pack:			
Beginning of month (Mcf.)	7,296,414	..	..
End of month (Mcf.)	7,335,697	..	..
Operating revenues .....	..	(\$ )46,313,911	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

January 1965

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	62,502	242,336
Deliveries to ultimate customers	66,646	221,788
Line pack fluctuations	-	- 457
Gas used in system	457	2,129
Metering difference, line losses, cyclical billing adjustments and unaccounted for	- 4,601	18,876
Total disposition	62,502	242,336
Daily average sendout	2,150	7,154
Revenues	(\$)49,919	(\$)211,987

TABLE 6. Exports and Imports to and from the United States

January 1965

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	327,866	-
Niagara Falls	-	120,239
Ojibway, Ontario	-	-
Emerson, Manitoba	6,383,976	-
Coutts, Alberta	311	15,044
Aden, Alberta	1,735,854	-
Carway, Alberta	991,574	-
Kingsgate, British Columbia - U.S.A. District V South(1)	13,608,592	-
Other U.S.A.	4,523,212	-
Huntingdon, British Columbia	9,028,435	-
Canada - 1965	36,599,820	135,283
1964	36,341,974	12,577

(1) California, Nevada, Arizona.

CATALOGUE No.

55-002

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(OTTAWA - CANADA)

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GAS UTILITIES (Transport and Distribution Systems)

FEBRUARY 1965

During February 1965 field gathering systems and processing plants delivered to gas utilities 89,490,895 Mcf. of natural gas. The transport systems accounted for 67,620,992 Mcf. and the distribution systems 21,869,903 Mcf. Natural gas recovered from storage was 8,080,872 Mcf. The total supply of gas utilities amounted to 98,037,279 Mcf., 10.8 per cent higher than in February 1964. Of the total supply, 61,600,179 Mcf. were sold to ultimate customers in Canada, an increase of 20.2 per cent. Exports decreased 1.1 per cent to 33,845,506 Mcf. from 34,210,271 Mcf. last year. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and deliveries to storage. The distribution systems received from the transport systems 38,417,169 Mcf. of natural gas, an increase of 17.6 per cent. For the twelve-month period ended February 1965, exports totalled 392,132,510 Mcf., while net deliveries amounted to 920,500,476 Mcf.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 60.1 billion commodity (Mcf.) miles (1,370 million ton-miles) during February 1965 compared with 55.6 billion (1,268 million ton-miles) last year. The daily average deliveries of gas utilities amounted to 3.4 million Mcf.

Alberta natural gas utility receipts totalled 73.8 billion cubic feet; of this, 24.6 per cent was sold to ultimate customers in Alberta, 21.2 per cent in Ontario, 5.3 per cent in Manitoba, 4.0 per cent in Quebec, 3.7 per cent in Saskatchewan and 1.4 per cent in British Columbia. Exports accounted for 36.2 per cent while the remaining 3.6 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for. In Table 3 gas received from and delivered to storage is considered as having originated or terminated in the province where the storage is located.

All gas volumes are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports containing 1,000 B.T.U.'s at 14.73 p.s.i.a. at 60°F are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue 26-006 gives the Supply and Disposition of Natural Gas by Source.

Industry Division

May 1965
6511-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

February 1965

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	11,809	-	1,296,058
2b	Processing plants	-	-	-
3	Total (1 + 2)	11,809	-	1,296,058
4	Imports	-	-	302,564
5	Other receipts(1)	-	-	76
6	Total net receipts (3 + 4 + 5)	11,809	-	1,598,698
7	Received from storage	-	-	7,183,629
9	Total supply of gas utilities (6 + 7)	11,809	-	8,782,327
	Transfers from:			
11	Other provinces	-	2,951,271	19,213,356
12	Distribution to transport (primary)	-	-	428,975
13	Other gas utilities	-	2,951,271	29,240,273
19	Total gross receipts (9 + 11 + 12 + 13) ...	11,809	5,902,542	57,664,931
	<u>Disposition</u>			
	Sales:			
20	Residential	6,431	1,485,178	12,606,591
21	Industrial	-	1,103,620	7,136,516
22	Commercial	-	347,150	4,787,153
30	Total sales (20 + 21 + 22)	6,431	2,935,948	24,530,260
31	Exports	-	-	307,155
32	Other deliveries	-	-	1,624
33	Total net deliveries (30 + 31 + 32)	6,431	2,935,948	24,839,039
34	Delivered to storage	-	-	110,523
35	Line pack fluctuation	-	- 18,857	78,522
36	Gas used in system	-	10,662	1,228,276
37	Line losses and unaccounted for	5,378	23,518	- 1,211,948
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	11,809	2,951,271	25,044,412
	Transfers to:			
40	Other provinces	-	-	2,951,271
41	Distribution by transport (primary)	-	2,951,271	22,475,172
42	Other gas utilities	-	-	7,194,076
49	Total disposition (39 + 40 + 41 + 42)	11,809	5,902,542	57,664,931

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

February 1965

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	February 1964	No.
					Canada	
Mcf.						
-	61,535	8,120,875	395,918	8,578,328	7,536,571	1a
-	-	47,814,046	11,228,618	59,042,664	55,783,590	1b
-	1,067,571	7,521,717	25,914	9,923,069	7,709,039	2a
-	1,851,447	10,013,830	81,557	11,946,834	12,676,726	2b
-	2,980,553	73,470,468	11,732,007	89,490,895	83,705,926	3
-	-	12,586	-	315,150	10,096 ^x	4
150,286	-	-	-	150,362	18,340	5
150,286	2,980,553	73,483,054	11,732,007	89,956,407	83,734,362	6
-	668,306	228,937	-	8,080,872	4,719,049	7
150,286	3,648,859	73,711,991	11,732,007	98,037,279	88,453,411	9
29,456,099	32,872,554	-	19,284,287	...	...	11
-	916,564	-	-	1,345,539	1,065,673	12
3,869,711	2,926,033	3,786,890	5,306,101	48,080,279	43,510,890	13
33,476,096	40,364,010	77,498,881	36,322,395	147,463,097	133,029,974	19
2,294,497	3,037,778	6,211,375	2,162,858	27,804,708	22,076,532	20
599,251	1,837,134	7,592,925	2,219,661	20,489,107	18,948,525	21
1,516,556	1,491,755	4,371,436	792,314	13,306,364	10,226,998	22
4,410,304	6,366,667	18,175,736	5,174,833	61,600,179	51,252,055	30
5,772,488	-	2,469,800	25,296,063	33,845,506	34,210,271	31
-	-	211,201	-	212,825	211,370	32
10,182,792	6,366,667	20,856,737	30,470,896	95,658,510	85,673,696	33
-	103,083	288,774	-	502,380	744,277	34
18,300	12,498	64,753	100,780	255,996	10,537	35
566,825	1,203,694	68,512	360,429	3,438,398	2,645,654	36
- 374,888	- 620,628	276,374	84,189	- 1,818,005	- 620,753	37
10,393,029	7,065,314	21,555,150	31,016,294	98,037,279	88,453,411	39
19,213,356	29,456,099	52,156,841	-	...	...	40
3,869,711	2,926,033	1,049,878	5,145,104	38,417,169	32,659,707	41
-	916,564	2,737,012	160,997	11,008,649	11,916,856	42
33,476,096	40,364,010	77,498,881	36,322,395	147,463,097	133,029,974	49

* Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1965

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	9,577,944	8,578,328			
1b	Processing plants	66,338,411	59,042,664			
2	By distribution systems:					
2a	Fields	11,599,671	9,923,069			
2b	Processing plants	13,300,645	11,946,834			
3	Total (1 + 2)	100,816,671	89,490,895			
4	Imports	135,283	315,150			
5	Other receipts(1)	108,455	150,362			
6	Total net receipts (3 + 4 + 5)	101,060,409	89,956,407			
7	Received from storage	9,325,261	8,080,872			
9	Total supply of gas utilities (6 + 7)	110,385,670	98,037,279			
	Transfers from:					
11	Other provinces .....	...	...	
12	Distribution to transport (primary)	1,326,126	1,345,539			
13	Other gas utilities	56,220,795	48,080,279			
19	Total gross receipts (9 + 11 + 12 + 13) ...	167,932,591	147,463,097			
	<u>Disposition</u>					
	Sales:					
20	Residential	29,564,161	27,804,708			
21	Industrial	22,496,815	20,489,107			
22	Commercial	14,542,607	13,306,364			
30	Total sales (20 + 21 + 22)	66,603,583	61,600,179			
31	Exports	36,599,820	33,845,506			
32	Other deliveries	246,532	212,825			
33	Total net deliveries (30 + 31 + 32)	103,449,935	95,658,510			
34	Delivered to storage	493,946	502,380			
35	Line pack fluctuation	43,367	255,996			
36	Gas used in system	4,221,592	3,438,398			
37	Line losses and unaccounted for	2,176,830	- 1,818,005			
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	110,385,670	98,037,279			
	Transfers to:					
40	Other provinces .....	...	...	
41	Distribution by transport (primary)	44,305,816	38,417,169			
42	Other gas utilities	13,241,105	11,008,649			
49	Total disposition (39 + 40 + 41 + 42)	167,932,591	147,463,097			

(1) Includes peak shaving and enrichment.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1965

June	July	August	September	October	November	December	Year to date		No.
							1965	1964	
				Mcf.					
							18,156,272	15,618,768	1a
							125,381,075	115,140,514	1b
							21,522,740	16,327,504	2a
							25,247,479	27,017,095	2b
							190,307,566	174,103,881	3
							450,433	22,673 ^r	4
							258,817	83,876	5
							191,016,816	174,210,430	6
							17,406,133	10,794,382	7
							208,422,949	185,004,812	9
							11
							2,671,665	2,181,409	12
							104,301,074	89,492,741	13
							315,395,688	276,678,962	19
							57,368,869	48,114,149	20
							42,985,922	39,095,360	21
							27,848,971	22,325,780	22
							128,203,762	109,535,289	30
							70,445,326	70,552,245	31
							459,357	453,120	32
							199,108,445	180,540,654	33
							996,326	1,343,352	34
							299,363	- 25,291	35
							7,659,990	5,317,324	36
							358,825	- 2,171,227	37
							208,422,949	185,004,812	39
							40
							82,722,985	67,842,316	41
							24,249,754	23,831,834	42
							315,395,688	276,678,962	49

... Figures not appropriate or not applicable.

^r Revised figures.

TABLE 3. Receipts and Disposition of Natural Gas by Source

February 1965

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	61,535	8,120,875	395,918	...	8,578,328
1b	Processing plants	-	-	-	47,814,046	11,228,618	...	59,042,664
2	By distribution systems:							
2a	Fields	11,809	1,296,058	1,067,571	7,521,717	25,914	...	9,923,069
2b	Processing plants	-	-	1,851,447	10,013,830	81,557	...	11,946,834
3	Total (1 + 2)	11,809	1,296,058	2,980,553	73,470,468	11,732,007	...	89,490,895
4	Imports .....	...	...	...	...	...	315,150	315,150
5	Other receipts (1)	-	76	-	150,286	-	...	150,362
6	Total net receipts (3 + 4 + 5)	11,809	1,296,134	2,980,553	73,620,754	11,732,007	315,150	89,956,407
7	Received from storage	-	7,183,629	668,306	228,937	-	...	8,080,872
9	Total supply of gas utilities (6 + 7)	11,809	8,479,763	3,648,859	73,849,691	11,732,007	315,150	98,037,279
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	1,024,359	4,150,474	-	5,174,833
24	Alberta	-	-	-	18,163,150	-	12,586	18,175,736
25	Saskatchewan	-	-	3,632,478	2,734,189	-	-	6,366,667
26	Manitoba	-	-	493,658	3,916,646	-	-	4,410,304
27	Ontario	-	8,554,411	-	15,673,285	-	302,564	24,530,260
28	Quebec	-	-	-	2,935,948	-	-	2,935,948
29	New Brunswick	6,431	-	-	-	-	-	6,431
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	6,431	8,554,411	4,126,136	44,447,577	4,150,474	315,150	61,600,179
31	Exports	-	-	-	26,761,004	7,084,502	...	33,845,506
32	Other deliveries	-	-	-	212,825	-	...	212,825
33	Total net deliveries (30 + 31 + 32)	6,431	8,554,411	4,126,136	71,421,406	11,234,976	315,150	95,658,510
34	Delivered to storage	-	-	103,083	399,297	-	-	502,380
35	Line pack fluctuation	-	-	- 11,902	182,693	85,205	-	255,996
36	Gas used in system	-	45,591	78,101	3,031,295	283,411	-	3,438,398
37	Line losses and unaccounted for	5,378	- 120,239	- 646,559	- 1,185,000	128,415	-	- 1,818,005
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	11,809	8,479,763	3,648,859	73,849,691	11,732,007	315,150	98,037,279

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

February 1965

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
February 1965:			
Daily average	2,580,810	2,200,006	3,434,318
Maximum(1)	3,034,824	...	...
Minimum(1)	2,349,723	...	...
Exports maximum(1)	1,243,173	...	1,243,173
February 1964:			
Daily average	2,305,861	1,767,312	2,979,930
Maximum(1)	2,634,737	...	...
Minimum(1)	2,186,067	...	...
Year to date 1965:			
Daily average	2,596,073	2,172,945	3,391,606
Maximum(1)	3,086,555	...	...
Minimum(1)	2,094,639	...	...
Commodity miles:			
Mcf. miles (thousands)	60,089,405	..	..
Ton-miles (millions)	1,370	..	..
Line pack:			
Beginning of month (Mcf.)	7,335,697	..	..
End of month (Mcf.)	7,617,779	..	..
Operating revenues .....	..	(\$ )44,483,093	..

(1) Non-coincident.
 .. Figures not available.
 ... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

February 1965

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	61,539	242,998
Deliveries to ultimate customers	61,323	220,979
Line pack fluctuations	-	19,720
Gas used in system	- 1,620	1,686
Metering difference, line losses, cyclical billing adjustments and unaccounted for	1,836	613
Total disposition	61,539	242,998
Daily average sendout	2,190	7,892
Revenues	(\$)41,430	(\$)195,531

TABLE 6. Exports and Imports to and from the United States

February 1965

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	307,155	-
Niagara Falls	-	-
Ojibway, Ontario	-	302,564
Emerson, Manitoba	5,772,488	-
Coutts, Alberta	66	12,586
Aden, Alberta	1,609,020	-
Carway, Alberta	860,714	-
Kingsgate, British Columbia - U.S.A. District V South(1)	12,769,877	-
Other U.S.A.	4,030,405	-
Huntingdon, British Columbia	8,495,781	-
Canada - 1965	33,845,506	315,150
1964	34,210,271	10,096 ^r

(1) California, Nevada, Arizona.

^r Revised figures.

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GAS UTILITIES (Transport and Distribution Systems)

MARCH 1965

During March 1965 field gathering systems and processing plants delivered to gas utilities 97,846,180 Mcf. of natural gas. The transport systems accounted for 75,265,635 Mcf. and the distribution systems 22,580,545 Mcf. Natural gas recovered from storage was 5,932,988 Mcf. The total supply of gas utilities amounted to 104,076,925 Mcf., 12.5 per cent higher than in March 1964. Of the total supply, 59,687,736 Mcf. were sold to ultimate customers in Canada, an increase of 15.4 per cent. Exports increased 6.9 per cent to 37,040,549 Mcf. from 34,637,621 Mcf. last year. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and deliveries to storage. The distribution systems received from the transport systems 40,398,962 Mcf. of natural gas, an increase of 19.7 per cent. For the twelve-month period ended March 1965 exports totalled 394,535,438 Mcf., while net deliveries amounted to 930,704,378 Mcf.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 68.0 billion commodity (Mcf.) miles (1,550 million ton-miles) during March 1965 compared with 58.5 billion (1,334 million ton-miles) last year. The daily average deliveries of gas utilities amounted to 3.1 million Mcf.

Alberta natural gas utility receipts totalled 80.9 billion cubic feet; of this, 21.8 per cent was sold to ultimate customers in Alberta, 21.5 per cent in Ontario, 4.5 per cent in Manitoba, 3.7 per cent in Quebec, 3.6 per cent in Saskatchewan and 1.4 per cent in British Columbia. Exports accounted for 35.9 per cent while the remaining 7.6 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for. In Table 3 gas received from and delivered to storage is considered as having originated or terminated in the province where the storage is located.

All gas volumes are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60° F; that is, without adjustments to a common B.T.U. base. Gas sales and exports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue 26-006 gives the Supply and Disposition of Natural Gas by Source.

Industry Division

June 1965
6511-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

March 1965

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	11,634	-	1,439,703
2b	Processing plants	-	-	-
3	Total (1 + 2)	11,634	-	1,439,703
4	Imports	-	-	-
5	Other receipts(1)	-	-	193,520
6	Total net receipts (3 + 4 + 5)	11,634	-	1,633,223
7	Received from storage	-	-	5,232,554
9	Total supply of gas utilities (6 + 7)	11,634	-	6,865,777
	Transfers from:			
11	Other provinces	-	3,074,280	22,821,316
12	Distribution to transport (primary)	-	-	476,501
13	Other gas utilities	-	3,074,280	32,604,548
19	Total gross receipts (9 + 11 + 12 + 13) ...	11,634	6,148,560	62,768,142
	<u>Disposition</u>			
	Sales:			
20	Residential	5,971	1,243,823	10,741,810
21	Industrial	-	1,409,354	8,816,067
22	Commercial	-	315,750	4,634,802
30	Total sales (20 + 21 + 22)	5,971	2,968,927	24,192,679
31	Exports	-	-	312,403
32	Other deliveries	-	-	1,888
33	Total net deliveries (30 + 31 + 32)	5,971	2,968,927	24,506,970
34	Delivered to storage	-	-	54,458
35	Line pack fluctuation	-	- 7,275	- 24,226
36	Gas used in system	-	10,993	1,599,914
37	Line losses and unaccounted for	5,663	101,635	475,697
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	11,634	3,074,280	26,612,813
	Transfers to:			
40	Other provinces	-	-	3,074,280
41	Distribution by transport (primary)	-	3,074,280	23,727,800
42	Other gas utilities	-	-	9,353,249
49	Total disposition (39 + 40 + 41 + 42)	11,634	6,148,560	62,768,142

(1) Includes peak shaving and enrichment.
... Figures not appropriate or not applicable.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

March 1965

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	March 1964	No.
Mcf.					Canada	
-	69,769	8,978,148	414,264	9,462,181	8,123,028	1a
-	-	53,945,672	11,857,782	65,803,454	57,861,379	1b
-	1,237,866	7,366,006	22,301	10,077,510	10,057,374	2a
-	2,063,777	10,379,006	60,252	12,503,035	12,782,801	2b
-	3,371,412	80,668,832	12,354,599	97,846,180	88,824,582	3
-	-	13,213	-	206,733	11,770 ^F	4
91,024	-	-	-	91,024	9,929	5
91,024	3,371,412	80,682,045	12,354,599	98,143,937	88,846,281	6
-	517,756	182,678	-	5,932,988	3,700,955	7
91,024	3,889,168	80,864,723	12,354,599	104,076,925	92,547,236	9
33,855,808	37,872,543	-	21,031,648	...	...	11
-	899,206	-	-	1,375,707	2,523,361	12
3,921,606	3,146,219	4,118,569	5,268,921	52,134,143	44,137,604	13
37,868,438	45,807,136	84,983,292	38,655,168	157,586,775	139,208,201	19
2,020,725	2,646,719	5,509,499	1,857,300	24,025,847	20,845,693	20
667,653	1,755,078	8,064,516	2,473,561	23,186,229	20,767,171	21
1,385,233	1,368,793	4,083,802	687,280	12,475,660	10,091,415	22
4,073,611	5,770,590	17,657,817	5,018,141	59,687,736	51,704,279	30
6,351,466	-	2,562,848	27,813,832	37,040,549	34,637,621	31
-	-	206,049	-	207,937	390,420	32
10,425,077	5,770,590	20,426,714	32,831,973	96,936,222	86,732,320	33
-	263,662	320,020	-	638,140	665,295	34
- 5,670	32,106	22,275	17,768	34,978	- 80,392	35
756,851	1,588,056	74,836	403,964	4,434,614	2,832,444	36
- 50,742	251,489	1,116,687	132,542	2,032,971	2,397,569	37
11,125,516	7,905,903	21,960,532	33,386,247	104,076,925	92,547,236	39
22,821,316	33,855,808	58,904,191	-	...	...	40
3,921,606	3,146,219	1,386,960	5,142,097	40,398,962	33,754,997	41
-	899,206	2,731,609	126,824	13,110,888	12,905,968	42
37,868,438	45,807,136	84,983,292	38,655,168	157,586,775	139,208,201	49

^F Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1965

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	9,577,944	8,578,328	9,462,181		
1b	Processing plants	66,338,411	59,042,664	65,803,454		
2	By distribution systems:					
2a	Fields	11,599,671	9,923,069	10,077,510		
2b	Processing plants	13,300,645	11,946,834	12,503,035		
3	Total (1 + 2)	100,816,671	89,490,895	97,846,180		
4	Imports	135,283	315,150	206,733		
5	Other receipts(1)	108,455	150,362	91,024		
6	Total net receipts (3 + 4 + 5)	101,060,409	89,956,407	98,143,937		
7	Received from storage	9,325,261	8,080,872	5,932,988		
9	Total supply of gas utilities (6 + 7)	110,385,670	98,037,279	104,076,925		
	Transfers from:					
11	Other provinces .....	...	...	...
12	Distribution to transport (primary)	1,326,126	1,345,539	1,375,707		
13	Other gas utilities	56,220,795	48,080,279	52,134,143		
19	Total gross receipts (9 + 11 + 12 + 13) ...	167,932,591	147,463,097	157,586,775		
	<u>Disposition</u>					
	Sales:					
20	Residential	29,564,161	27,804,708	24,025,847		
21	Industrial	22,496,815	20,489,107	23,186,229		
22	Commercial	14,542,607	13,306,364	12,475,660		
30	Total sales (20 + 21 + 22)	66,603,583	61,600,179	59,687,736		
31	Exports	36,599,820	33,845,506	37,040,549		
32	Other deliveries	246,532	212,825	207,937		
33	Total net deliveries (30 + 31 + 32)	103,449,935	95,658,510	96,936,222		
34	Delivered to storage	493,946	502,380	638,140		
35	Line pack fluctuation	43,367	255,996	34,978		
36	Gas used in system	4,221,592	3,438,398	4,434,614		
37	Line losses and unaccounted for	2,176,830	- 1,818,005	2,032,971		
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	110,385,670	98,037,279	104,076,925		
	Transfers to:					
40	Other provinces .....	...	...	...
41	Distribution by transport (primary)	44,305,816	38,417,169	40,398,962		
42	Other gas utilities	13,241,105	11,008,649	13,110,888		
49	Total disposition (39 + 40 + 41 + 42)	167,932,591	147,463,097	157,586,775		

(1) Includes peak shaving and enrichment.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1965

June	July	August	September	October	November	December	Year to date		No.
							1965	1964	
				Mcf.					
							27,618,453	23,741,796	1a
							191,184,529	173,001,893	1b
							31,600,250	26,384,878	2a
							37,750,514	39,799,896	2b
							288,153,746	262,928,463	3
							657,166	34,443 ^r	4
							349,841	93,805	5
							289,160,753	263,056,711	6
							23,339,121	14,495,337	7
							312,499,874	277,552,048	9
							11
							4,047,372	4,704,770	12
							156,435,217	133,630,345	13
							472,982,463	415,887,163	19
							81,394,716	68,959,842	20
							66,172,151	59,862,531	21
							40,324,631	32,417,195	22
							187,891,498	161,239,568	30
							107,485,875	105,189,866	31
							667,294	843,540	32
							296,044,667	267,272,974	33
							1,634,466	2,008,647	34
							334,341	- 105,683	35
							12,094,604	8,149,768	36
							2,391,796	226,342	37
							312,499,874	277,552,048	39
							40
							123,121,947	101,597,313	41
							37,360,642	36,737,802	42
							472,982,463	415,887,163	49

... Figures not appropriate or not applicable.

^r Revised figures.

TABLE 3. Receipts and Disposition of Natural Gas by Source

March 1965

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	69,769	8,978,148	414,264	...	9,462,181
1b	Processing plants	-	-	-	53,945,672	11,857,782	...	65,803,454
2	By distribution systems:							
2a	Fields	11,634	1,439,703	1,237,866	7,366,006	22,301	...	10,077,510
2b	Processing plants	-	-	2,063,777	10,379,006	60,252	...	12,503,035
3	Total (1 + 2)	11,634	1,439,703	3,371,412	80,668,832	12,354,599	...	97,846,180
4	Imports .....	...	...	...	...	...	206,733	206,733
5	Other receipts(1)	-	-	-	91,024	-	...	91,024
6	Total net receipts (3 + 4 + 5)	11,634	1,439,703	3,371,412	80,759,856	12,354,599	206,733	98,143,937
7	Received from storage	-	5,232,554	517,756	182,678	-	...	5,932,988
9	Total supply of gas utilities (6 + 7)	11,634	6,672,257	3,889,168	80,942,534	12,354,599	206,733	104,076,925
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	1,171,439	3,846,702	-	5,018,141
24	Alberta	-	-	-	17,644,604	-	13,213	17,657,817
25	Saskatchewan	-	-	2,861,127	2,909,463	-	-	5,770,590
26	Manitoba	-	-	409,901	3,663,710	-	-	4,073,611
27	Ontario	-	6,596,489	-	17,402,670	-	193,520	24,192,679
28	Quebec	-	-	-	2,968,927	-	-	2,968,927
29	New Brunswick	5,971	-	-	-	-	-	5,971
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	5,971	6,596,489	3,271,028	45,760,813	3,846,702	206,733	59,687,736
31	Exports	-	-	-	29,035,418	8,005,131	-	37,040,549
32	Other deliveries	-	-	-	207,937	-	-	207,937
33	Total net deliveries (30 + 31 + 32)	5,971	6,596,489	3,271,028	75,004,168	11,851,833	206,733	96,936,222
34	Delivered to storage	-	-	263,662	374,478	-	-	638,140
35	Line pack fluctuation	-	-	39,666	- 15,103	10,415	-	34,978
36	Gas used in system	-	41,091	82,216	3,986,864	324,443	-	4,434,614
37	Line losses and unaccounted for	5,663	34,677	232,596	1,592,127	167,908	-	2,032,971
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	11,634	6,672,257	3,889,168	80,942,534	12,354,599	206,733	104,076,925

(1) Includes peak shaving and enrichment.
... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

March 1965

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
March 1965:			
Daily average	2,498,049	1,925,411	3,147,560
Maximum(1)	2,861,121	...	...
Minimum(1)	2,392,264	...	...
Exports maximum(1)	1,237,947	...	1,237,947
March 1964:			
Daily average	2,206,213	1,667,880	2,819,278
Maximum(1)	2,611,773	...	...
Minimum(1)	1,914,223	...	...
Year to date 1965:			
Daily average	2,562,309	2,087,683	3,307,546
Maximum(1)	3,086,555	...	...
Minimum(1)	2,094,639	...	...
Commodity miles:			
Mcf. miles (thousands)	67,977,477	..	..
Ton-miles (millions)	1,550	..	..
Line pack:			
Beginning of month (Mcf.)	7,617,779	..	..
End of month (Mcf.)	7,624,775	..	..
Operating revenues .....	..	(\$ )41,689,984	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

March 1965

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	66,808	122,984
Deliveries to ultimate customers	71,799	96,301
Line pack fluctuations	-	1,780
Gas used in system	- 1,780	1,232
Metering difference, line losses, cyclical billing adjustments and unaccounted for	- 3,211	23,671
Total disposition	66,808	122,984
Daily average sendout	2,316	3,107
Revenues	(\$)47,718	(\$)184,848

TABLE 6. Exports and Imports to and from the United States

March 1965

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	312,403	-
Niagara Falls	-	-
Ojibway, Ontario	-	193,520
Emerson, Manitoba	6,351,466	-
Coutts, Alberta	192	13,213
Aden, Alberta	1,712,260	-
Carway, Alberta	850,396	-
Kingsgate, British Columbia - U.S.A. District V South(1)	14,130,609	-
Other U.S.A.	4,241,416	-
Huntingdon, British Columbia	9,441,807	-
Canada - 1965	37,040,549	206,733
1964	34,637,621	11,770 ^r

(1) California, Nevada, Arizona.

^r Revised figures.

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GAS UTILITIES (Transport and Distribution Systems)

APRIL 1965

During April 1965 field gathering systems and processing plants delivered to gas utilities 83,422,929 Mcf. of natural gas. The transport systems accounted for 65,812,617 Mcf. and the distribution systems 17,610,312 Mcf. Natural gas recovered from storage was 1,942,698 Mcf. The total supply of gas utilities amounted to 86,537,236 Mcf., 8.6 per cent higher than in April 1964. Of the total supply, 54,196,732 Mcf. were sold to ultimate customers in Canada, an increase of 11.1 per cent. Exports decreased 1.1 per cent to 31,942,619 Mcf. from 32,295,319 Mcf. last year. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and deliveries to storage. For the twelve-month period ended April 1965 exports totalled 394,182,738 Mcf., while net deliveries amounted to 935,735,361 Mcf.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 61.1 billion commodity (Mcf.) miles (1,394 million ton-miles) during April 1965 compared with 55.4 billion (1,262 million ton-miles) last year. The daily average deliveries of gas utilities amounted to 2.9 million Mcf.

Alberta natural gas utility receipts totalled 68.2 billion cubic feet; of this, 27.7 per cent was sold to ultimate customers in Ontario, 21.6 per cent in Alberta, 4.2 per cent in Manitoba, 3.8 per cent in Quebec, 3.7 per cent in Saskatchewan and 1.4 per cent in British Columbia. Exports accounted for 36.7 per cent while the remaining 0.9 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for. In Table 3 gas received from and delivered to storage is considered as having originated or terminated in the province where the storage is located.

All gas volumes are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60° F; that is, without adjustments to a common B.T.U. base. Gas sales and exports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue 26-006 gives the Supply and Disposition of Natural Gas by Source.

LIBRARY

AUG 1 Industry Division

July 1965
6511-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

April 1965

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	8,834	-	1,225,190
2b	Processing plants	-	-	-
3	Total (1 + 2)	8,834	-	1,225,190
4	Imports	-	-	1,160,114
5	Other receipts(1)	-	-	-
6	Total net receipts (3 + 4 + 5)	8,834	-	2,385,304
7	Received from storage	-	-	1,858,543
9	Total supply of gas utilities (6 + 7)	8,834	-	4,243,847
	Transfers from:			
11	Other provinces	-	2,648,776	21,560,362
12	Distribution to transport (primary)	-	-	-
13	Other gas utilities	-	2,648,776	24,668,265
19	Total gross receipts (9 + 11 + 12 + 13) ...	8,834	5,297,552	50,472,474
	<u>Disposition</u>			
	Sales:			
20	Residential	5,737	807,573	9,735,126
21	Industrial	-	1,526,314	9,533,835
22	Commercial	-	234,056	4,070,879
30	Total sales (20 + 21 + 22)	5,737	2,567,943	23,339,840
31	Exports	-	-	267,098
32	Other deliveries	-	-	736
33	Total net deliveries (30 + 31 + 32)	5,737	2,567,943	23,607,674
34	Delivered to storage	-	-	844,446
35	Line pack fluctuation	-	6,639	135,285
36	Gas used in system	-	8,533	1,385,478
37	Line losses and unaccounted for	3,097	65,661	- 2,817,450
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	8,834	2,648,776	23,155,433
	Transfers to:			
40	Other provinces	-	-	2,648,776
41	Distribution by transport (primary)	-	2,648,776	12,386,274
42	Other gas utilities	-	-	12,281,991
49	Total disposition (39 + 40 + 41 + 42)	8,834	5,297,552	50,472,474

(1) Includes peak shaving and enrichment.

(2) December 1964, January, February and March 1965 receipts should have been from processing plants.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

April 1965

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	April 1964 ^x	No.
					Canada	
Mcf.						
-	-(2)	7,833,656	360,484	8,194,140	7,079,847	1a
-	73,125	46,991,517	10,553,835	57,618,477	52,331,623	1b
-	1,052,505	5,112,935	56,561	7,456,025	6,890,691	2a
-	1,915,262	8,239,025	-	10,154,287	10,572,661	2b
-	3,040,892	68,177,133	10,970,880	83,422,929	76,874,822	3
-	-	8,141	-	1,168,255	1,655,365	4
3,354	-	-	-	3,354	6,061	5
3,354	3,040,892	68,185,274	10,970,880	84,594,538	78,536,248	6
-	31,742	52,413	-	1,942,698	1,155,624	7
3,354	3,072,634	68,237,687	10,970,880	86,537,236	79,691,872	9
30,845,205	34,172,357	-	17,458,983	...	...	11
-	774,032	-	-	774,032	1,497,515	12
2,414,690	2,564,157	3,322,285	4,787,220	40,405,393	36,752,124	13
33,263,249	40,583,180	71,559,972	33,217,083	127,716,661	117,941,511	19
1,574,356	2,137,176	4,705,300	1,230,705	20,195,973	18,366,182	20
697,517	2,006,327	6,782,725	2,996,052	23,542,770	21,562,713	21
1,100,941	1,154,516	3,282,280	615,317	10,457,989	8,849,161	22
3,372,814	5,298,019	14,770,305	4,842,074	54,196,732	48,778,056	30
6,172,012	-	2,182,856	23,320,653	31,942,619	32,295,319	31
-	-	176,503	-	177,239	212,232	32
9,544,826	5,298,019	17,129,664	28,162,727	86,316,590	81,285,607	33
-	501,009	405,296	-	1,750,751	2,783,382	34
31,620	54,217	- 71,848	- 137,215	18,698	92,806	35
660,822	1,383,564	52,218	326,572	3,817,187	2,495,544	36
- 949,071	- 837,023	- 908,983	77,779	- 5,365,990	- 6,965,467	37
9,288,197	6,399,786	16,606,347	28,429,863	86,537,236	79,691,872	39
21,560,362	30,845,205	51,631,340	-	...	...	40
2,414,690	2,564,157	828,867	4,703,439	25,546,203	26,598,833	41
-	774,032	2,493,418	83,781	15,633,222	11,650,806	42
33,263,249	40,583,180	71,559,972	33,217,083	127,716,661	117,941,511	49

... Figures not appropriate or not applicable.

^x Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1965

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	9,501,869 ^r	8,516,793 ^r	9,392,412 ^r	8,194,140	
1b	Processing plants	66,414,486 ^r	59,104,199 ^r	65,873,223 ^r	57,618,477	
2	By distribution systems:					
2a	Fields	11,599,671	9,923,069	10,077,510	7,456,025	
2b	Processing plants	13,300,645	11,946,834	12,503,035	10,154,287	
3	Total (1 + 2)	100,816,671	89,490,895	97,846,180	83,422,929	
4	Imports	135,283	315,150	206,733	1,168,255	
5	Other receipts(1)	108,455	150,362	91,024	3,354	
6	Total net receipts (3 + 4 + 5)	101,060,409	89,956,407	98,143,937	84,594,538	
7	Received from storage	9,325,261	8,080,872	5,932,988	1,942,698	
9	Total supply of gas utilities (6 + 7)	110,385,670	98,037,279	104,076,925	86,537,236	
	Transfers from:					
11	Other provinces .....	...	...	...	...
12	Distribution to transport (primary)	1,326,126	1,345,539	1,375,707	774,032	
13	Other gas utilities	56,220,795	48,080,279	52,134,143	40,405,393	
19	Total gross receipts (9 + 11 + 12 + 13) ...	167,932,591	147,463,097	157,586,775	127,716,661	
	<u>Disposition</u>					
	Sales:					
20	Residential	29,564,161	27,804,708	24,025,847	20,195,973	
21	Industrial	22,496,815	20,489,107	23,186,229	23,542,770	
22	Commercial	14,542,607	13,306,364	12,475,660	10,457,989	
30	Total sales (20 + 21 + 22)	66,603,583	61,600,179	59,687,736	54,196,732	
31	Exports	36,599,820	33,845,506	37,040,549	31,942,619	
32	Other deliveries	246,532	212,825	207,937	177,239	
33	Total net deliveries (30 + 31 + 32)	103,449,935	95,658,510	96,936,222	86,316,590	
34	Delivered to storage	493,946	502,380	638,140	1,750,751	
35	Line pack fluctuation	43,367	255,996	34,978	18,698	
36	Gas used in system	4,221,592	3,438,398	4,434,614	3,817,187	
37	Line losses and unaccounted for	2,176,830	- 1,818,005	2,032,971	- 5,365,990	
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	110,385,670	98,037,279	104,076,925	86,537,236	
	Transfers to:					
40	Other provinces .....	...	...	...	...
41	Distribution by transport (primary)	44,305,816	38,417,169	40,398,962	25,546,203	
42	Other gas utilities	13,241,105	11,008,649	13,110,888	15,633,222	
49	Total disposition (39 + 40 + 41 + 42)	167,932,591	147,463,097	157,586,775	127,716,661	

(1) Includes peak shaving and enrichment.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada,

June	July	August	September	October	November	December	Year to date		No.
							1965	1964 ^F	
				Mcf.					
							35,605,214	30,821,643	1a
							249,010,385	225,333,516	1b
							39,056,275	33,275,569	2a
							47,904,801	50,372,557	2b
							371,576,675	339,803,285	3
							1,825,421	1,689,808	4
							353,195	99,866	5
							373,755,291	341,592,959	6
							25,281,819	15,650,961	7
							399,037,110	357,243,920	9
							11
							4,821,404	6,202,285	12
							196,840,610	170,382,469	13
							600,699,124	533,828,674	19
							101,590,689	87,326,024	20
							89,714,921	81,425,244	21
							50,782,620	41,266,356	22
							242,088,230	210,017,624	30
							139,428,494	137,485,185	31
							844,533	1,055,772	32
							382,361,257	348,558,581	33
							3,385,217	4,792,029	34
							353,039	12,877	35
							15,911,791	10,645,312	36
							2,974,194	6,739,125	37
							399,037,110	357,243,920	39
							40
							148,668,150	128,196,146	41
							52,993,864	48,388,608	42
							600,699,124	533,828,674	49

... Figures not appropriate or not applicable.

^F Revised figures.

TABLE 3. Receipts and Disposition of Natural Gas by Source

April 1965

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	7,833,656	360,484	...	8,194,140
1b	Processing plants	-	-	73,125	46,991,517	10,553,835	...	57,618,477
2	By distribution systems:							
2a	Fields	8,834	1,225,190	1,052,505	5,112,935	56,561	...	7,456,025
2b	Processing plants	-	-	1,915,262	8,239,025	-	...	10,154,287
3	Total (1 + 2)	8,834	1,225,190	3,040,892	68,177,133	10,970,880	...	83,422,925
4	Imports .....	...	...	...	...	...	1,168,255	1,168,255
5	Other receipts(1)	-	-	-	3,354	-	...	3,354
6	Total net receipts (3 + 4 + 5)	8,834	1,225,190	3,040,892	68,180,487	10,970,880	1,168,255	84,594,538
7	Received from storage	-	1,858,543	31,742	52,413	-	...	1,942,698
9	Total supply of gas utilities (6 + 7)	8,834	3,083,733	3,072,634	68,232,900	10,970,880	1,168,255	86,537,236
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	955,050	3,887,024	-	4,842,074
24	Alberta	-	-	-	14,762,164	-	8,141	14,770,305
25	Saskatchewan	-	-	2,800,002	2,498,017	-	-	5,298,019
26	Manitoba	-	-	539,806	2,833,008	-	-	3,372,814
27	Ontario	-	3,252,433	-	18,927,293	-	1,160,114	23,339,840
28	Quebec	-	-	-	2,567,943	-	-	2,567,943
29	New Brunswick	5,737	-	-	-	-	-	5,737
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	5,737	3,252,433	3,339,808	42,543,475	3,887,024	1,168,255	54,196,732
31	Exports	-	-	-	25,033,664	6,908,955	-	31,942,619
32	Other deliveries	-	-	-	177,239	-	-	177,239
33	Total net deliveries (30 + 31 + 32)	5,737	3,252,433	3,339,808	67,754,378	10,795,979	1,168,255	86,316,590
34	Delivered to storage	-	-	501,009	1,249,742	-	-	1,750,751
35	Line pack fluctuation	-	-	12,057	140,034	- 133,393	-	18,698
36	Gas used in system	-	21,300	69,304	3,462,629	263,954	-	3,817,187
37	Line losses and unaccounted for	3,097	- 190,000	- 849,544	- 4,373,883	44,340	-	- 5,365,990
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	8,834	3,083,733	3,072,634	68,232,900	10,970,880	1,168,255	86,537,236

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

April 1965

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
April 1965:			
Daily average	1,916,294	1,806,558	2,935,578
Maximum(1)	2,272,131	...	...
Minimum(1)	1,843,272	...	...
Exports maximum(1)	1,177,560	...	1,177,560
April 1964:			
Daily average	1,963,138	1,625,935	2,802,300
Maximum(1)	2,513,595	...	...
Minimum(1)	1,873,122	...	...
Year to date 1965:			
Daily average	2,400,805	2,017,402	3,214,554
Maximum(1)	3,086,555	...	...
Minimum(1)	1,843,272	...	...
Commodity miles:			
Mcf. miles (thousands)	61,144,829	..	..
Ton-miles (millions)	1,394	..	..
Line pack:			
Beginning of month (Mcf.)	7,624,775	..	..
End of month (Mcf.)	7,626,489	..	..
Operating revenues .....	..	(\$37,143,589	..

1) Non-coincident.

.. Figures not available.

.. Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

April 1965

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	58,771	107,624
Deliveries to ultimate customers	56,634	90,031
Line pack fluctuations	-	- 1,235
Gas used in system	1,256	1,237
Metering difference, line losses, cyclical billing adjustments and unaccounted for	881	17,591
Total disposition	58,771	107,624
Daily average sendout	1,888	3,001
Revenues	(\$39,025	(\$171,324

TABLE 6. Exports and Imports to and from the United States

April 1965

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	267,098	-
Niagara Falls	-	-
Ojibway, Ontario	-	1,160,114
Emerson, Manitoba	6,172,012	-
Coutts, Alberta	198	8,141
Aden, Alberta	1,340,144	-
Carway, Alberta	842,514	-
Kingsgate, British Columbia - U.S.A. District V South(1)	11,715,185	-
Other U.S.A.	3,197,927	-
Huntingdon, British Columbia	8,407,541	-
Canada - 1965	31,942,619	1,168,255
1964	32,295,319	1,655,365 ^r

(1) California, Nevada, Arizona.

^r Revised figures.

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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GAS UTILITIES

(Transport and Distribution Systems)

MAY 1965

During May 1965 field gathering systems and processing plants delivered to gas utilities 77,756,769 Mcf. of natural gas. The transport systems accounted for 62,699,573 Mcf. and the distribution systems 15,057,196 Mcf. Natural gas recovered from storage was 42,491 Mcf. The total supply of gas utilities amounted to 79,446,938 Mcf., 10.0 per cent higher than in May 1964. Of the total supply, 39,990,975 Mcf. were sold to ultimate customers in Canada, an increase of 9.1 per cent. Exports decreased 1.3 per cent to 31,144,131 Mcf. from 31,550,953 Mcf. last year. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and deliveries to storage. For the twelve-month period ended May 1965 exports totalled 393,775,916 Mcf., while net deliveries amounted to 938,632,222 Mcf.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 61.1 billion commodity (Mcf.) miles (1,394 million ton-miles) during May 1965 compared with 52.0 billion (1,185 million ton-miles) last year. The daily average deliveries of gas utilities amounted to 2.6 million Mcf.

Alberta natural gas utility receipts totalled 64.3 billion cubic feet; of this, 20.4 per cent was sold to ultimate customers in Ontario, 18.0 per cent in Alberta, 3.2 per cent in Saskatchewan, 3.0 per cent in Quebec, 2.4 per cent in Manitoba and 1.2 per cent in British Columbia. Exports accounted for 38.1 per cent while the remaining 13.7 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for. In Table 3 gas received from and delivered to storage is considered as having originated or terminated in the province where the storage is located.

All gas volumes are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue 26-006 gives the Supply and Disposition of Natural Gas by Source.

Industry Division

August 1965
6511-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

May 1965

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	7,096	-	994,208
2b	Processing plants	-	-	-
3	Total (1 + 2)	7,096	-	994,208
4	Imports	-	-	1,638,801
5	Other receipts(1)	-	-	-
6	Total net receipts (3 + 4 + 5)	7,096	-	2,633,009
7	Received from storage	-	-	7,171
9	Total supply of gas utilities (6 + 7)	7,096	-	2,640,180
	Transfers from:			
11	Other provinces	-	1,980,394	21,776,457
12	Distribution to transport (primary)	-	-	-
13	Other gas utilities	-	1,980,394	23,525,871
19	Total gross receipts (9 + 11 + 12 + 13) ...	7,096	3,960,788	49,942,508
	<u>Disposition</u>			
	Sales:			
20	Residential	4,594	420,782	5,094,769
21	Industrial	-	1,361,761	8,892,370
22	Commercial	-	125,037	2,101,249
30	Total sales (20 + 21 + 22)	4,594	1,907,580	16,088,388
31	Exports	-	-	218,608
32	Other deliveries	-	-	105
33	Total net deliveries (30 + 31 + 32)	4,594	1,907,580	16,307,101
34	Delivered to storage	-	-	7,322,698
35	Line pack fluctuation	-	- 476	- 127,320
36	Gas used in system	-	1,828	1,438,877
37	Line losses and unaccounted for	2,502	71,462	- 2,505,113
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	7,096	1,980,394	22,436,243
	Transfers to:			
40	Other provinces	-	-	1,980,394
41	Distribution by transport (primary)	-	1,980,394	18,359,688
42	Other gas utilities	-	-	7,166,183
49	Total disposition (39 + 40 + 41 + 42)	7,096	3,960,788	49,942,508

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

May 1965

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	May ^r 1964	No.
					Canada	
Mcf.						
-	-	8,352,254	339,421	8,691,675	5,997,558	1a
-	82,027	44,506,333	9,419,538	54,007,898	48,223,595	1b
-	936,981	3,989,153	9,558	5,936,996	4,238,638	2a
-	1,715,161	7,379,514	25,525	9,120,200	10,432,023	2b
-	2,734,169	64,227,254	9,794,042	77,756,769	68,891,814	3
-	-	5,586	-	1,644,387	2,848,467	4
3,291	-	-	-	3,291	5,218	5
3,291	2,734,169	64,232,840	9,794,042	79,404,447	71,745,499	6
-	-	35,320	-	42,491	511,497	7
3,291	2,734,169	64,268,160	9,794,042	79,446,938	72,256,996	9
30,338,476	33,267,726	-	16,232,835	...	...	11
-	580,941	-	-	580,941	2,826,458	12
1,606,042	2,162,298	2,968,412	3,618,675	37,861,692	30,505,887	13
31,947,809	38,745,134	67,236,572	29,645,552	117,889,571	105,589,341	19
761,081	1,298,603	2,418,565	918,181	10,916,575	10,050,433	20
587,589	2,963,440	6,988,784	2,255,817	23,051,761	21,454,147	21
561,020	672,439	2,159,883	403,011	6,022,639	5,137,351	22
1,909,690	4,936,482	11,567,232	3,577,009	39,990,975	36,641,931	30
6,336,138	-	2,528,370	22,061,015	31,144,131	31,550,953	31
-	-	165,126	-	165,231	210,592	32
8,245,828	4,936,482	14,260,728	25,638,024	71,300,337	68,403,476	33
-	631,806	515,146	-	8,469,650	5,536,497	34
- 26,805	- 44,466	- 66,367	89,322	- 176,112	- 14,974	35
641,033	1,316,118	64,365	217,320	3,679,541	1,806,775	36
- 294,746	- 1,176,521	- 6,273	82,211	- 3,826,478	- 3,474,778	37
8,565,310	5,663,419	14,767,599	26,026,877	79,446,938	72,256,996	39
21,776,457	30,338,476	49,500,561	-	...	...	40
1,606,042	2,162,298	630,879	3,553,066	28,292,367	21,555,551	41
-	580,941	2,337,533	65,609	10,150,266	11,776,794	42
31,947,809	38,745,134	67,236,572	29,645,552	117,889,571	105,589,341	49

^r Revised figures.

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1965

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	9,501,869	8,516,793	9,392,412	8,194,140	8,691,675
1b	Processing plants	66,414,486	59,104,199	65,873,223	57,618,477	54,007,898
2	By distribution systems:					
2a	Fields	11,599,671	9,923,069	10,077,510	7,415,713 ^r	5,936,996
2b	Processing plants	13,300,645	11,946,834	12,503,035	10,194,599 ^r	9,120,200
3	Total (1 + 2)	100,816,671	89,490,895	97,846,180	83,422,929	77,756,769
4	Imports	135,283	315,150	206,733	1,168,255	1,644,387
5	Other receipts(1)	108,455	150,362	91,024	3,354	3,291
6	Total net receipts (3 + 4 + 5)	101,060,409	89,956,407	98,143,937	84,594,538	79,404,447
7	Received from storage	9,325,261	8,080,872	5,932,988	1,942,698	42,491
9	Total supply of gas utilities (6 + 7)	110,385,670	98,037,279	104,076,925	86,537,236	79,446,938
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary)	1,326,126	1,345,539	1,375,707	774,032	580,941
13	Other gas utilities	56,220,795	48,080,279	52,134,143	40,405,393	37,861,692
19	Total gross receipts (9 + 11 + 12 + 13) ...	167,932,591	147,463,097	157,586,775	127,716,661	117,889,571
	<u>Disposition</u>					
	Sales:					
20	Residential	29,564,161	27,804,708	24,025,847	20,195,973	10,916,575
21	Industrial	22,496,815	20,489,107	23,186,229	23,542,770	23,051,761
22	Commercial	14,542,607	13,306,364	12,475,660	10,457,989	6,022,639
30	Total sales (20 + 21 + 22)	66,603,583	61,600,179	59,687,736	54,196,732	39,990,975
31	Exports	36,599,820	33,845,506	37,040,549	31,942,619	31,144,131
32	Other deliveries	246,532	212,825	207,937	177,239	165,231
33	Total net deliveries (30 + 31 + 32)	103,449,935	95,658,510	96,936,222	86,316,590	71,300,337
34	Delivered to storage	493,946	502,380	638,140	1,750,751	8,469,650
35	Line pack fluctuation	43,367	255,996	34,978	18,698	- 176,112
36	Gas used in system	4,221,592	3,438,398	4,434,614	3,817,187	3,679,541
37	Line losses and unaccounted for	2,176,830	- 1,818,005	2,032,971	- 5,365,990	- 3,826,478
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	110,385,670	98,037,279	104,076,925	86,537,236	79,446,938
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary)	44,305,816	38,417,169	40,398,962	25,546,203	28,292,367
42	Other gas utilities	13,241,105	11,008,649	13,110,888	15,633,222	10,150,266
49	Total disposition (39 + 40 + 41 + 42)	167,932,591	147,463,097	157,586,775	127,716,661	117,889,571

(1) Includes peak shaving and enrichment.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1965

June	July	August	September	October	November	December	Year to date		No.
							1965	1964 ^r	
				Mcf.					
							44,296,889	36,819,201	1a
							303,018,283	273,557,111	1b
							44,952,959	37,514,207	2a
							57,065,313	60,804,580	2b
							449,333,444	408,695,099	3
							3,469,808	4,538,275	4
							356,486	105,084	5
							453,159,738	413,338,458	6
							25,324,310	16,162,458	7
							478,484,048	429,500,916	9
							5,402,345	9,028,743	11
							234,702,302	200,888,356	12
							718,588,695	639,418,015	13
							112,507,264	97,376,457	20
							112,766,682	102,879,391	21
							56,805,259	46,403,707	22
							282,079,205	246,659,555	30
							170,572,625	169,036,138	31
							1,009,764	1,266,364	32
							453,661,594	416,962,057	33
							11,854,867	10,328,526	34
							176,927	- 27,851	35
							19,591,332	12,452,087	36
							- 6,800,672	-10,213,903	37
							478,484,048	429,500,916	39
							176,960,517	149,751,697	40
							63,144,130	60,165,402	41
							718,588,695	639,418,015	42

^r Revised figures.

... Figures not appropriate or not applicable.

May 1965

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	8,352,254	339,421	...	8,691,675
1b	Processing plants	-	-	82,027	44,506,333	9,419,538	...	54,007,893
2	By distribution systems:							
2a	Fields	7,096	994,208	936,981	3,989,153	9,558	...	5,936,996
2b	Processing plants	-	-	1,715,161	7,379,514	25,525	...	9,120,200
3	Total (1 + 2)	7,096	994,208	2,734,169	64,227,254	9,794,042	...	77,756,763
4	Imports .....	-	-	-	...	...	1,644,387	1,644,387
5	Other receipts(1)	-	-	-	3,291	-	...	3,291
6	Total net receipts (3 + 4 + 5)	7,096	994,208	2,734,169	64,230,545	9,794,042	1,644,387	79,404,449
7	Received from storage	-	7,171	-	35,320	-	...	42,491
9	Total supply of gas utilities (6 + 7)	7,096	1,001,379	2,734,169	64,265,865	9,794,042	1,644,387	79,446,931
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	773,692	2,803,317	-	3,577,009
24	Alberta	-	-	-	11,561,646	-	5,586	11,567,232
25	Saskatchewan	-	-	2,871,225	2,065,257	-	-	4,936,482
26	Manitoba	-	-	381,944	1,527,746	-	-	1,909,690
27	Ontario	-	1,366,934	-	13,082,653	-	1,638,801	16,088,388
28	Quebec	-	-	-	1,907,580	-	-	1,907,580
29	New Brunswick	4,594	-	-	-	-	-	4,594
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	4,594	1,366,934	3,253,169	30,918,574	2,803,317	1,644,387	39,990,977
31	Exports	-	-	-	24,490,122	6,654,009	-	31,144,131
32	Other deliveries	-	-	-	165,231	-	-	165,231
33	Total net deliveries (30 + 31 + 32)	4,594	1,366,934	3,253,169	55,573,927	9,457,326	1,644,387	71,300,333
34	Delivered to storage	-	-	631,806	7,837,844	-	-	8,469,650
35	Line pack fluctuation	-	-	- 8,726	- 265,801	98,415	-	- 176,117
36	Gas used in system	-	80,145	57,661	3,382,831	158,904	-	3,679,541
37	Line losses and unaccounted for	2,502	- 445,700	- 1,199,741	- 2,262,936	79,397	-	- 3,826,470
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	7,096	1,001,379	2,734,169	64,265,865	9,794,042	1,644,387	79,446,931

(1) Includes peak shaving and enrichment.
Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

May 1965

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
May 1965:			
Daily average	1,917,306	1,290,031	2,573,225
Maximum(1)	2,161,398	...	...
Minimum(1)	1,747,491	...	...
Exports maximum(1)	1,161,679	...	1,161,679
May 1964:			
Daily average	1,713,113	1,181,998	2,385,160 ^r
Maximum(1)	2,198,750	...	...
Minimum(1)	1,524,682	...	...
Year to date 1965:			
Daily average	2,301,544	1,868,074	3,082,890
Maximum(1)	3,086,555	...	...
Minimum(1)	1,747,491	...	...
Commodity miles:			
Mcf. miles (thousands)	61,144,696	..	..
Ton-miles (millions)	1,394	..	..
Line pack:			
Beginning of month (Mcf.)	7,626,489	..	..
End of month (Mcf.)	7,480,998	..	..
Operating revenues .....	..	(\$ )24,753,302	..

(1) Non-coincident.

^r Revised figure.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

May 1965

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	56,235	81,704
Deliveries to ultimate customers	57,708	64,695
Line pack fluctuations	-	- 1,475
Gas used in system	2,073	830
Metering difference, line losses, cyclical billing adjustments and unaccounted for	- 3,546	17,654
Total disposition	56,235	81,704
Daily average sendout	1,862	2,087
Revenues	(\$)45,188	(\$)138,479

TABLE 6. Exports and Imports to and from the United States

May 1965

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	218,608	-
Niagara Falls	-	-
Ojibway, Ontario	-	1,638,801
Emerson, Manitoba	6,336,138	-
Coutts, Alberta	143	5,586
Aden, Alberta	1,635,804	-
Carway, Alberta	892,423	-
Kingsgate, British Columbia - U.S.A. District V South(1)	11,252,243	-
Other U.S.A.	2,664,270	-
Huntingdon, British Columbia	8,144,502	-
Canada - 1965	31,144,131	1,644,387
1964	31,550,953	2,848,467 ^x

(1) California, Nevada, Arizona.

^x Revised figures.

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GAS UTILITIES

(Transport and Distribution Systems)

JUNE 1965

During June 1965 field gathering systems and processing plants delivered to gas utilities 72,079,898 Mcf. of natural gas. The transport systems accounted for 58,805,985 Mcf. and the distribution systems 13,273,913 Mcf. Natural gas recovered from storage was 119,657 Mcf. The total supply of gas utilities amounted to 73,490,288 Mcf., 13.0 per cent higher than in June 1964. Of the total supply, 33,529,962 Mcf. were sold to ultimate customers in Canada, an increase of 6.3 per cent. Exports increased 11.9 per cent to 32,546,331 Mcf. from 29,084,975 Mcf. last year. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and deliveries to storage. For the twelve-month period ended June 1965 exports totalled 397,237,272 Mcf., while net deliveries amounted to 945,823,710^F Mcf.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 54.9 billion commodity (Mcf.) miles (1,251 million ton-miles) during June 1965 compared with 50.0 billion (1,139 million ton-miles) last year. The daily average deliveries of gas utilities amounted to 2.4 million Mcf.

Alberta natural gas utility receipts totalled 60.5 billion cubic feet; of this, 17.3 per cent was sold to ultimate customers in Ontario, 16.7 per cent in Alberta, 3.7 per cent in Quebec, 2.3 per cent in Saskatchewan, 2.0 per cent in Manitoba and 1.2 per cent in British Columbia. Exports accounted for 43.8 per cent while the remaining 13.0 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for. In Table 3 gas received from and delivered to storage is considered as having originated or terminated in the province where the storage is located.

All gas volumes are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60° F; that is, without adjustments to a common B.T.U. base. Gas sales and exports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue 26-006 gives the Supply and Disposition of Natural Gas by Source.

^F Revised figure.

Industry Division

September 1965
6511-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

June 1965

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	5,984	-	888,849
2b	Processing plants	-	-	-
3	Total (1 + 2)	5,984	-	888,849
4	Imports	-	-	1,285,938
5	Other receipts(1)	-	-	-
6	Total net receipts (3 + 4 + 5)	5,984	-	2,174,787
7	Received from storage	-	-	23,638
9	Total supply of gas utilities (6 + 7)	5,984	-	2,198,425
	Transfers from:			
11	Other provinces	-	2,335,485	19,069,999
12	Distribution to transport (primary)	-	-	-
13	Other gas utilities	-	2,335,485	22,839,924
19	Total gross receipts (9 + 11 + 12 + 13) ...	5,984	4,670,970	44,108,348
	<u>Disposition</u>			
	Sales:			
20	Residential	4,221	247,563	2,847,124
21	Industrial	-	1,891,567	8,632,570
22	Commercial	-	102,799	1,269,299
30	Total sales (20 + 21 + 22)	4,221	2,241,929	12,748,993
31	Exports	-	-	201,533
32	Other deliveries	-	-	34
33	Total net deliveries (30 + 31 + 32)	4,221	2,241,929	12,950,560
34	Delivered to storage	-	-	5,989,401
35	Line pack fluctuation	-	- 4,625	- 95,651
36	Gas used in system	-	2,205	1,126,990
37	Line losses and unaccounted for	1,763	95,976	- 1,038,361
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	5,984	2,335,485	18,932,939
	Transfers to:			
40	Other provinces	-	-	2,335,485
41	Distribution by transport (primary)	-	2,335,485	15,497,115
42	Other gas utilities	-	-	7,342,809
49	Total disposition (39 + 40 + 41 + 42)	5,984	4,670,970	44,108,348

(1) Includes peak shaving and enrichment.

* Revised figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

June 1965

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	June ^r 1964	No.
					Canada	
Mcf.						
-	-	6,100,322	361,312	6,461,634	5,362,513	1a
-	81,370	44,084,255	8,178,726	52,344,351	46,279,496	1b
-	743,439	3,531,352	7,957	5,177,581	3,387,048	2a
-	1,325,936	6,755,424	14,972	8,096,332	9,068,291	2b
-	2,150,745	60,471,353	8,562,967	72,079,898	64,097,348	3
-	-	3,562	-	1,289,500	826,494	4
1,233	-	-	-	1,233	2,506	5
1,233	2,150,745	60,474,915	8,562,967	73,370,631	64,926,348	6
-	23,389	72,630	-	119,657	125,708	7
1,233	2,174,134	60,547,545	8,562,967	73,490,288	65,052,056	9
26,707,716	28,843,950	-	18,543,577	...	...	11
-	440,915	95,034	-	535,949	2,126,914	12
1,101,374	1,437,533	2,501,812	3,249,829	33,465,957	27,865,728	13
27,810,323	32,896,532	63,144,391	30,356,373	107,492,194	95,044,698	19
447,936	822,895	1,839,367	493,250	6,702,356	6,042,230	20
706,808	2,466,516	6,846,158	2,529,646	23,073,265	22,338,870	21
324,357	397,510	1,402,464	257,912	3,754,341	3,165,502	22
1,479,101	3,686,921	10,087,989	3,280,808	33,529,962	31,546,602	30
6,016,071	-	2,452,285	23,876,442	32,546,331	29,084,975	31
-	-	188,854	-	188,888	189,818	32
7,495,172	3,686,921	12,729,128	27,157,250	66,265,181	60,821,395	33
-	-	458,024	-	6,447,425	4,097,801	34
- 22,065	- 72,474	4,083	- 124,353	- 315,085	- 42,240	35
524,897	1,084,042	65,678	189,854	2,993,666	2,085,107	36
- 359,054	- 388,121	- 96,895	- 116,207	- 1,900,899	- 1,910,007	37
7,638,950	4,310,368	13,160,018	27,106,544	73,490,288	65,052,056	39
19,069,999	26,707,716	47,387,527	-	...	...	40
1,101,374	1,437,533	229,566	3,207,722	23,808,795	19,896,518	41
-	440,915	2,367,280	42,107	10,193,111	10,096,124	42
27,810,323	32,896,532	63,144,391	30,356,373	107,492,194	95,044,698	49

.. Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1965

No.		January ^r	February ^r	March ^r	April ^r	May ^r
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	9,501,869	8,516,793	9,392,412	8,194,140	7,785,625
1b	Processing plants	66,414,486	59,104,199	65,873,223	57,618,477	54,913,948
2	By distribution systems:					
2a	Fields	11,599,671	9,923,069	10,077,510	7,415,713	5,936,996
2b	Processing plants	13,300,645	11,946,834	12,503,035	10,194,599	9,069,845
3	Total (1 + 2)	100,816,671	89,490,895	97,846,180	83,422,929	77,706,414
4	Imports	135,283	315,150	206,733	1,168,255	1,644,387
5	Other receipts(1)	108,455	150,362	91,024	3,354	3,291
6	Total net receipts (3 + 4 + 5)	101,060,409	89,956,407	98,143,937	84,594,538	79,354,092
7	Received from storage	9,325,261	8,080,872	5,932,988	1,942,698	42,491
9	Total supply of gas utilities (6 + 7)	110,385,670	98,037,279	104,076,925	86,537,236	79,396,583
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary)	1,326,126	1,345,539	1,375,707	774,032	580,941
13	Other gas utilities	56,220,795	48,080,279	52,134,143	40,405,393	37,861,692
19	Total gross receipts (9 + 11 + 12 + 13) ...	167,932,591	147,463,097	157,586,775	127,716,661	117,839,216
	<u>Disposition</u>					
	Sales:					
20	Residential	30,391,290	28,283,381	24,596,812	20,719,219	11,394,382
21	Industrial	22,012,020	20,359,709	23,045,019	23,908,698	23,051,208
22	Commercial	15,018,273	13,669,054	12,962,171	10,858,428	6,045,386
30	Total sales (20 + 21 + 22)	67,421,583	62,312,144	60,604,002	55,486,345	40,490,976
31	Exports	36,599,820	33,845,506	37,040,549	31,942,619	31,144,131
32	Other deliveries	246,532	212,825	207,937	177,239	165,231
33	Total net deliveries (30 + 31 + 32)	104,267,935	96,370,475	97,852,488	87,606,203	71,800,338
34	Delivered to storage	493,946	502,380	638,140	1,750,751	8,469,650
35	Line pack fluctuation	43,367	255,996	34,978	18,698	- 176,112
36	Gas used in system	4,221,592	3,438,398	4,434,614	3,819,516	3,680,474
37	Line losses and unaccounted for	1,358,830	- 2,529,970	1,116,705	- 6,657,932	- 4,377,767
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	110,385,670	98,037,279	104,076,925	86,537,236	79,396,583
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary)	44,305,816	38,417,169	40,398,962	25,546,203	28,292,367
42	Other gas utilities	13,241,105	11,008,649	13,110,888	15,633,222	10,150,266
49	Total disposition (39 + 40 + 41 + 42)	167,932,591	147,463,097	157,586,775	127,716,661	117,839,216

(1) Includes peak shaving and enrichment.

^r Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1965

June	July	August	September	October	November	December	Year to date		No.
							1965	1964 ^r	
Mcf.									
6,461,634							49,852,473	42,181,714	1a
52,344,351							356,268,684	319,836,607	1b
5,177,581							50,130,540	40,901,255	2a
8,096,332							65,111,290	69,872,871	2b
72,079,898							521,362,987	472,792,447	3
1,289,500							4,759,308	5,364,769	4
1,233							357,719	107,590	5
73,370,631							526,480,014	478,264,806	6
119,657							25,443,967	16,288,166	7
73,490,288							551,923,981	494,552,972	9
...							11
535,949							5,938,294	11,155,657	12
33,465,957							268,168,259	228,754,084	13
107,492,194							826,030,534	734,462,713	19
6,702,356							122,087,440	103,418,687	20
23,073,265							135,449,919	125,218,261	21
3,754,341							62,307,653	49,569,209	22
33,529,962							319,845,012	278,206,157	30
32,546,331							203,118,956	198,121,113	31
188,888							1,198,652	1,456,182	32
66,265,181							524,162,620	477,783,452	33
6,447,425							18,302,292	14,426,327	34
- 315,085							- 138,158	- 70,091	35
2,993,666							22,588,260	14,537,194	36
- 1,900,899							- 12,991,033	- 12,123,910	37
73,490,288							551,923,981	494,552,972	39
...							40
23,808,795							200,769,312	169,648,215	41
10,193,111							73,337,241	70,261,526	42
107,492,194							826,030,534	734,462,713	49

... Figures not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

June 1965

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	6,100,322	361,312	...	6,461,634
1b	Processing plants	-	-	81,370	44,084,255	8,178,726	...	52,344,351
2	By distribution systems:							
2a	Fields	5,984	888,849	743,439	3,531,352	7,957	...	5,177,581
2b	Processing plants	-	-	1,325,936	6,755,424	14,972	...	8,096,332
3	Total (1 + 2)	5,984	888,849	2,150,745	60,471,353	8,562,967	...	72,079,898
4	Imports .....	...	...	...	...	...	1,289,500	1,289,500
5	Other receipts(1)	-	-	-	1,233	-	...	1,233
6	Total net receipts (3 + 4 + 5)	5,984	888,849	2,150,745	60,472,586	8,562,967	1,289,500	73,370,631
7	Received from storage	-	23,638	23,389	72,630	-	...	119,657
9	Total supply of gas utilities (6 + 7)	5,984	912,487	2,174,134	60,545,216	8,562,967	1,289,500	73,490,288
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	712,191	2,568,617	-	3,280,808
24	Alberta	-	-	-	10,084,427	-	3,562	10,087,989
25	Saskatchewan	-	-	2,321,518	1,365,403	-	-	3,686,921
26	Manitoba	-	-	271,051	1,208,050	-	-	1,479,101
27	Ontario	-	996,077	-	10,466,978	-	1,285,938	12,748,993
28	Quebec	-	-	-	2,241,929	-	-	2,241,929
29	New Brunswick	4,221	-	-	-	-	-	4,221
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	4,221	996,077	2,592,569	26,078,978	2,568,617	1,289,500	33,529,962
31	Exports	-	-	-	26,490,489	6,055,842	-	32,546,331
32	Other deliveries	-	-	-	188,888	-	-	188,888
33	Total net deliveries (30 + 31 + 32)	4,221	996,077	2,592,569	52,758,355	8,624,459	1,289,500	66,265,181
34	Delivered to storage	-	-	-	6,447,425	-	-	6,447,425
35	Line pack fluctuation	-	-	- 43,054	- 145,522	- 126,509	-	- 315,085
36	Gas used in system	-	29,130	39,486	2,803,742	121,308	-	2,993,666
37	Line losses and unaccounted for	1,763	- 112,720	- 414,867	- 1,318,784	- 56,291	-	- 1,900,899
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	5,984	912,487	2,174,134	60,545,216	8,562,967	1,289,500	73,490,288

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

June 1965

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
June 1965:			
Daily average	1,878,504	1,117,665	2,423,754
Maximum(1)	2,051,270	...	...
Minimum(1)	1,526,879	...	...
Exports maximum(1)	1,133,063	...	1,133,063
June 1964:			
Daily average	1,632,716	1,051,553	2,163,973 ^r
Maximum(1)	2,024,561	...	...
Minimum(1)	1,467,262	...	...
Year to date 1965 ^r			
Daily average	2,231,427	1,767,100	2,997,044
Maximum(1)	3,086,555	...	...
Minimum(1)	1,526,879	...	...
Commodity miles:			
Mcf. miles (thousands)	54,853,681	..	..
Ton-miles (millions)	1,251	..	..
Line pack:			
Beginning of month (Mcf.)	7,480,998	..	..
End of month (Mcf.)	7,211,560	..	..
Operating revenues .....	..	(\$ )19,129,347	..

(1) Non-coincident.

^r Revised figures.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

June 1965

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	51,382	66,664
Deliveries to ultimate customers	53,291	52,551
Line pack fluctuations	-	- 1,366
Gas used in system	1,586	666
Metering difference, line losses, cyclical billing adjustments and unaccounted for	- 3,495	14,813
Total disposition	51,382	66,664
Daily average sendout	1,776	1,752
Revenues	(\$)38,261	(\$)114,012

TABLE 6. Exports and Imports to and from the United States
June 1965

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	201,533	-
Niagara Falls	-	-
Ojibway, Ontario	-	1,285,938
Emerson, Manitoba	6,016,071	-
Coutts, Alberta	35	3,562
Aden, Alberta	1,550,897	-
Carway, Alberta	901,353	-
Kingsgate, British Columbia - U.S.A. District V South(1)	13,571,886	-
Other U.S.A.	2,714,766	-
Huntingdon, British Columbia	7,589,790	-
Canada - 1965	32,546,331	1,289,500
1964	29,084,975	826,494 ^r

(1) California, Nevada, Arizona.

^r Revised figure.

2 14342
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DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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GAS UTILITIES (Transport and Distribution Systems)

JULY 1965

During July 1965 field gathering systems and processing plants delivered to gas utilities 69,959,039 Mcf. of natural gas. The transport systems accounted for 58,182,129 Mcf. and the distribution systems 11,776,910 Mcf. Natural gas recovered from storage was 48,165 Mcf. The total supply of gas utilities amounted to 71,403,488 Mcf., 11.7 per cent higher than in July 1964. Of the total supply, 28,726,553 Mcf. were sold to ultimate customers in Canada, an increase of 9.5 per cent. Exports increased 9.1 per cent to 30,910,360 Mcf. from 28,338,862 Mcf. last year. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and deliveries to storage. For the twelve-month period ended July 1965 exports totalled 399,808,770 Mcf. while net deliveries amounted to 950,876,386 Mcf.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 56.5 billion commodity (Mcf.) miles (1,289 million ton-miles) during July 1965 compared with 51.3 billion (1,169 million ton-miles) last year. The daily average deliveries of gas utilities amounted to 2.2 million Mcf.

Alberta natural gas utility receipts totalled 58.5 billion cubic feet; of this, 15.3 per cent was sold to ultimate customers in Alberta, 14.8 per cent in Ontario, 3.7 per cent in Quebec, 2.2 per cent in Saskatchewan, 1.3 per cent in British Columbia and 0.6 per cent in Manitoba. Exports accounted for 42.1 per cent while the remaining 20.0 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for. In Table 3 gas received from and delivered to storage is considered as having originated or terminated in the province where the storage is located.

All gas volumes are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue 26-006 gives the Supply and Disposition of Natural Gas by Source.

Industry Division

October 1965
6511-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

July 1965

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	5,870	-	625,422
2b	Processing plants	-	-	-
3	Total (1 + 2)	5,870	-	625,422
4	Imports	-	-	1,393,621
5	Other receipts(1)	-	-	-
6	Total net receipts (3 + 4 + 5)	5,870	-	2,019,043
7	Received from storage	-	-	-
9	Total supply of gas utilities (6 + 7)	5,870	-	2,019,043
	Transfers from:			
11	Other provinces	-	2,229,269	20,301,485
12	Distribution to transport (primary)	-	-	-
13	Other gas utilities	-	2,229,269	24,447,835
19	Total gross receipts (9 + 11 + 12 + 13) ...	5,870	4,458,538	46,768,363
	<u>Disposition</u>			
	Sales:			
20	Residential	3,725	186,968	1,620,746
21	Industrial	-	1,842,304	7,978,725
22	Commercial	-	117,823	1,084,729
30	Total sales (20 + 21 + 22)	3,725	2,147,095	10,684,200
31	Exports	-	-	180,389
32	Other deliveries	-	-	-
33	Total net deliveries (30 + 31 + 32)	3,725	2,147,095	10,864,589
34	Delivered to storage	-	-	8,151,989
35	Line pack fluctuation	-	553	29,868
36	Gas used in system	-	1,152	1,204,380
37	Line losses and unaccounted for	2,145	80,469	- 159,567
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	5,870	2,229,269	20,091,259
	Transfers to:			
40	Other provinces	-	-	2,229,269
41	Distribution by transport (primary)	-	2,229,269	16,577,630
42	Other gas utilities	-	-	7,870,205
49	Total disposition (39 + 40 + 41 + 42)	5,870	4,458,538	46,768,363

(1) Includes peak shaving and enrichment.
 Revised figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

July 1965

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	July 1964 ^F	No.
					Canada	
Mcf.						
-	-	5,970,070	404,459	6,374,529	4,554,284	1a
-	83,955	43,282,587	8,441,058	51,807,600	46,262,718	1b
-	573,600	2,277,627	8,759	3,491,278	2,828,550	2a
-	1,284,201	6,989,261	12,170	8,285,632	9,281,146	2b
-	1,941,756	58,519,545	8,866,446	69,959,039	62,926,698	3
-	-	2,115	-	1,395,736	852,698	4
548	-	-	-	548	5,381	5
548	1,941,756	58,521,660	8,866,446	71,355,323	63,784,777	6
-	34,666	13,499	-	48,165	117,570	7
548	1,976,422	58,535,159	8,866,446	71,403,488	63,902,347	9
27,994,378	29,961,514	-	16,714,756	...	...	11
-	589,442	-	-	589,442	1,271,656	12
802,648	1,202,178	2,808,614	3,201,697	34,692,241	29,440,164	13
28,797,574	33,729,556	61,343,773	28,782,899	106,685,171	94,614,167	19
206,673	433,107	1,372,706	381,311	4,205,236	3,742,788	20
482,155	2,289,169	6,546,745	2,550,433	21,689,531	20,272,216	21
151,274	209,548	1,065,900	202,512	2,831,786	2,220,583	22
840,102	2,931,824	8,985,351	3,134,256	28,726,553	26,235,587	30
6,283,592	-	2,211,158	22,235,221	30,910,360	28,338,862	31
-	-	169,046	-	169,046	178,834	32
7,123,694	2,931,824	11,365,555	25,369,477	59,805,959	54,753,283	33
-	257,054	611,765	-	9,020,808	7,183,678	34
7,200	28,107	- 76,308	- 34,381	- 44,961	- 220,936	35
565,613	1,170,502	49,790	245,762	3,237,199	1,968,125	36
- 3,066	- 443,929	- 91,913	344	- 615,517	218,197	37
7,693,441	3,943,558	11,858,889	25,581,202	71,403,488	63,902,347	39
20,301,485	27,994,378	46,676,270	-	...	...	40
802,648	1,202,178	206,808	3,160,015	24,178,548	18,136,148	41
-	589,442	2,601,806	41,682	11,103,135	12,575,672	42
28,797,574	33,729,556	61,343,773	28,782,899	106,685,171	94,614,167	49

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1965

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	9,501,869	8,516,793	9,392,412	8,194,140	7,785,625
1b	Processing plants	66,414,486	59,104,199	65,873,223	57,618,477	54,913,948
2	By distribution systems:					
2a	Fields	11,599,671	9,923,069	10,077,510	7,415,713	5,936,996
2b	Processing plants	13,300,645	11,946,834	12,503,035	10,194,599	9,069,845
3	Total (1 + 2)	100,816,671	89,490,895	97,846,180	83,422,929	77,706,414
4	Imports	135,283	315,150	206,733	1,168,255	1,644,387
5	Other receipts(1)	108,455	150,362	91,024	3,354	3,291
6	Total net receipts (3 + 4 + 5)	101,060,409	89,956,407	98,143,937	84,594,538	79,354,092
7	Received from storage	9,325,261	8,080,872	5,932,988	1,942,698	42,491
9	Total supply of gas utilities (6 + 7)	110,385,670	98,037,279	104,076,925	86,537,236	79,396,583
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary)	1,326,126	1,345,539	1,375,707	774,032	580,941
13	Other gas utilities	56,220,795	48,080,279	52,134,143	40,405,393	37,861,692
19	Total gross receipts (9 + 11 + 12 + 13) ...	167,932,591	147,463,097	157,586,775	127,716,661	117,839,216
	<u>Disposition</u>					
	Sales:					
20	Residential	30,391,290	28,283,381	24,596,812	20,719,219	11,394,382
21	Industrial	22,012,020	20,359,709	23,045,019	23,908,698	23,051,208
22	Commercial	15,018,273	13,669,054	12,962,171	10,858,428	6,045,386
30	Total sales (20 + 21 + 22)	67,421,583	62,312,144	60,604,002	55,486,345	40,490,976
31	Exports	36,599,820	33,845,506	37,040,549	31,942,619	31,144,131
32	Other deliveries	246,532	212,825	207,937	177,239	165,231
33	Total net deliveries (30 + 31 + 32)	104,267,935	96,370,475	97,852,488	87,606,203	71,800,338
34	Delivered to storage	493,946	502,380	638,140	1,750,751	8,469,650
35	Line pack fluctuation	43,367	255,996	34,978	18,698	- 176,112
36	Gas used in system	4,221,592	3,438,398	4,434,614	3,819,516	3,680,474
37	Line losses and unaccounted for	1,358,830	- 2,529,970	1,116,705	- 6,657,932	- 4,377,767
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	110,385,670	98,037,279	104,076,925	86,537,236	79,396,583
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary)	44,305,816	38,417,169	40,398,962	25,546,203	28,292,367
42	Other gas utilities	13,241,105	11,008,649	13,110,888	15,633,222	10,150,266
49	Total disposition (39 + 40 + 41 + 42)	167,932,591	147,463,097	157,586,775	127,716,661	117,839,216

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1965

June	July	August	September	October	November	December	Year to date		No.
							1965	1964 ^r	
Mcf.									
6,461,634	6,374,529						56,227,002	46,735,998	1a
52,344,351	51,807,600						408,076,284	366,099,325	1b
5,177,581	3,491,278						53,621,818	43,729,805	2a
8,096,332	8,285,632						73,396,922	79,154,017	2b
72,079,898	69,959,039						591,322,026	535,719,145	3
1,289,500	1,395,736						6,155,044	6,217,467	4
1,233	548						358,267	112,971	5
73,370,631	71,355,323						597,835,337	542,049,583	6
119,657	48,165						25,492,132	16,405,736	7
73,490,288	71,403,488						623,327,469	558,455,319	9
...	...						...	...	11
535,949	589,442						6,527,736	12,427,313	12
33,465,957	34,692,241						302,860,500	258,194,248	13
107,492,194	106,685,171						932,715,705	829,076,880	19
6,702,356	4,205,236						126,292,676	107,161,475	20
23,073,265	21,689,531						157,139,450	145,490,477	21
3,754,341	2,831,786						65,139,439	51,789,792	22
33,529,962	28,726,553						348,571,565	304,441,744	30
32,546,331	30,910,360						234,029,316	226,459,975	31
188,888	169,046						1,367,698	1,635,016	32
66,265,181	59,805,959						583,968,579	532,536,735	33
6,447,425	9,020,808						27,323,100	21,610,005	34
- 315,085	- 44,961						- 183,119	- 291,027	35
2,993,666	3,237,199						25,825,459	16,505,319	36
- 1,900,899	- 615,517						- 13,606,550	- 11,905,713	37
73,490,288	71,403,488						623,327,469	558,455,319	39
...	...						...	...	40
23,808,795	24,178,548						224,947,860	187,784,363	41
10,193,111	11,103,135						84,440,376	82,837,198	42
107,492,194	106,685,171						932,715,705	829,076,880	49

^r Revised figures.

TABLE 3. Receipts and Disposition of Natural Gas by Source

July 1965

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	5,970,070	404,459	...	6,374,529
1b	Processing plants	-	-	83,955	43,282,587	8,441,058	...	51,807,600
2	By distribution systems:							
2a	Fields	5,870	625,422	573,600	2,277,627	8,759	...	3,491,278
2b	Processing plants	-	-	1,284,201	6,989,261	12,170	...	8,285,632
3	Total (1 + 2)	5,870	625,422	1,941,756	58,519,545	8,866,446	...	69,959,039
4	Imports .....	...	...	...	...	...	1,395,736	1,395,736
5	Other receipts (1)	-	-	-	548	-	...	548
6	Total net receipts (3 + 4 + 5)	5,870	625,422	1,941,756	58,520,093	8,866,446	1,395,736	71,355,323
7	Received from storage	-	-	34,666	13,499	-	...	48,165
9	Total supply of gas utilities (6 + 7)	5,870	625,422	1,976,422	58,533,592	8,866,446	1,395,736	71,403,488
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	766,701	2,367,555	-	3,134,256
24	Alberta	-	-	-	8,983,236	-	2,115	8,985,351
25	Saskatchewan	-	-	1,632,111	1,299,713	-	-	2,931,824
26	Manitoba	-	-	517,059	323,043	-	-	840,102
27	Ontario	-	632,992	-	8,657,587	-	1,393,621	10,684,200
28	Quebec	-	-	-	2,147,095	-	-	2,147,095
29	New Brunswick	3,725	-	-	-	-	-	3,725
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	3,725	632,992	2,149,170	22,177,375	2,367,555	1,395,736	28,726,553
31	Exports	-	-	-	24,626,556	6,283,804	-	30,910,360
32	Other deliveries	-	-	-	169,046	-	-	169,046
33	Total net deliveries (30 + 31 + 32)	3,725	632,992	2,149,170	46,972,977	8,651,359	1,395,736	59,805,959
34	Delivered to storage	-	-	257,054	8,763,754	-	-	9,020,808
35	Line pack fluctuation	-	-	18,507	- 29,473	- 33,995	-	- 44,961
36	Gas used in system	-	35,130	43,671	2,976,272	182,126	-	3,237,199
37	Line losses and unaccounted for	2,145	- 42,700	- 491,980	- 149,938	66,956	-	- 615,517
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	5,870	625,422	1,976,422	58,533,592	8,866,446	1,395,736	71,403,488

(1) Includes peak shaving and enrichment.
... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

July 1965

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
July 1965:			
Daily average	1,777,062	926,663	2,220,218
Maximum(1)	1,988,510	...	...
Minimum(1)	1,557,497	...	...
Exports maximum(1)	1,133,830	...	1,133,830
July 1964:			
Daily average	1,499,194 ^r	846,309	1,997,966 ^r
Maximum(1)	1,836,923	...	...
Minimum(1)	1,362,645	...	...
Year to date 1965:			
Daily average	2,164,987	1,644,205	2,883,451
Maximum(1)	3,086,555	...	...
Minimum(1)	1,526,879	...	...
Commodity miles:			
Mcf. miles (thousands)	56,536,408	..	..
Ton-miles (millions)	1,289	..	..
Line pack:			
Beginning of month (Mcf.)	7,211,560	..	..
End of month (Mcf.)	7,145,897	..	..
Operating revenues .....	..	(\$ )15,640,353	..

(1) Non-coincident.

^r Revised figures.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

July 1965

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	52,121	61,895
Deliveries to ultimate customers	50,720	44,798
Line pack fluctuations	-	-
Gas used in system	- 88	451
Metering difference, line losses, cyclical billing adjustments and unaccounted for	1,489	16,646
Total disposition	52,121	61,895
Daily average sendout	1,636	1,445
Revenues	(\$)39,224	(\$)102,531

TABLE 6. Exports and Imports to and from the United States

July 1965

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	180,389	-
Niagara Falls	-	-
Ojibway, Ontario	-	1,393,621
Emerson, Manitoba	6,283,592	-
Coutts, Alberta	61	2,115
Aden, Alberta	1,281,427	-
Carway, Alberta	929,670	-
Kingsgate, British Columbia - U.S.A. District V South(1)	11,444,452	-
Other U.S.A.	2,818,436	-
Huntingdon, British Columbia	7,972,333	-
Canada - 1965	30,910,360	1,395,736
1964	28,338,862	852,698 ^r

(1) California, Nevada, Arizona.

^r Revised figure.

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(Transport and Distribution Systems)

AUGUST 1965

During August 1965 field gathering systems and processing plants delivered to gas utilities 73,932,085 Mcf. of natural gas. The transport systems accounted for 61,120,334 Mcf. and the distribution systems 12,811,751 Mcf. Natural gas recovered from storage was 60,644 Mcf. The total supply of gas utilities amounted to 75,382,080 Mcf., 12.9 per cent higher than in August 1964. Of the total supply, 28,792,352 Mcf. were sold to ultimate customers in Canada, an increase of 8.2 per cent. Exports increased 10.3 per cent to 32,083,107 Mcf. from 29,079,575 Mcf. last year. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and deliveries to storage. For the twelve-month period ended August 1965 exports totalled 402,812,302 Mcf., while net deliveries amounted to 956,091,574 Mcf.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 58.2 billion commodity (Mcf.) miles (1,328 million ton-miles) during August 1965 compared with 45.1 billion (1,028 million ton-miles) last year. The daily average deliveries of gas utilities amounted to 2.3 million Mcf.

Alberta natural gas utility receipts totalled 61.3 billion cubic feet; of this, 14.7 per cent was sold to ultimate customers in Ontario, 14.3 per cent in Alberta, 3.5 per cent in Quebec, 2.8 per cent in Saskatchewan, 1.1 per cent in British Columbia and 0.6 per cent in Manitoba. Exports accounted for 41.6 per cent while the remaining 21.4 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for. In Table 3 gas received from and delivered to storage is considered as having originated or terminated in the province where the storage is located.

All gas volumes are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" included cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue 26-006 gives the Supply and Disposition of Natural Gas by Source.

Industry Division

NOV 30 1965

November 1965
6511-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

August 1965

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	5,880	-	755,140
2b	Processing plants	-	-	-
3	Total (1 + 2)	5,880	-	755,140
4	Imports	-	-	1,386,543
5	Other receipts(1)	-	-	-
6	Total net receipts (3 + 4 + 5)	5,880	-	2,141,683
7	Received from storage	-	-	-
9	Total supply of gas utilities (6 + 7)	5,880	-	2,141,683
	Transfers from:			
11	Other provinces	-	2,255,454	20,962,940
12	Distribution to transport (primary)	-	-	-
13	Other gas utilities	-	2,255,454	24,738,122
19	Total gross receipts (9 + 11 + 12 + 13) ...	5,880	4,510,908	47,842,745
	<u>Disposition</u>			
	Sales:			
20	Residential	3,773	270,190	1,480,561
21	Industrial	-	1,790,855	8,356,577
22	Commercial	-	103,177	1,143,092
30	Total sales (20 + 21 + 22)	3,773	2,164,222	10,980,230
31	Exports	-	-	186,183
32	Other deliveries	-	-	-
33	Total net deliveries (30 + 31 + 32)	3,773	2,164,222	11,166,413
34	Delivered to storage	-	-	7,593,656
35	Line pack fluctuation	-	1,699	9,984
36	Gas used in system	-	991	1,292,781
37	Line losses and unaccounted for	2,107	88,542	786,335
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	5,880	2,255,454	20,849,169
	Transfers to:			
40	Other provinces	-	-	2,255,454
41	Distribution by transport (primary)	-	2,255,454	17,115,477
42	Other gas utilities	-	-	7,622,645
49	Total disposition (39 + 40 + 41 + 42)	5,880	4,510,908	47,842,745

(1) Includes peak shaving and enrichment.

r Revised figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

August 1965

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	August 1964 ¹	No.
					Canada	
Mcf.						
-	-	6,426,640	369,909	6,796,549	5,508,523	1a
-	86,654	44,940,598	9,296,533	54,323,785	47,641,377	1b
-	572,883	2,351,793	20,586	3,706,282	3,148,243	2a
-	1,556,652	7,548,817	-	9,105,469	9,427,588	2b
-	2,216,189	61,267,848	9,687,028	73,932,085	65,725,731	3
-	-	2,046	-	1,388,589	858,480	4
762	-	-	-	762	60,558	5
762	2,216,189	61,269,894	9,687,028	75,321,436	66,644,769	6
-	35,183	25,461	-	60,644	120,999	7
762	2,251,372	61,295,355	9,687,028	75,382,080	66,765,768	9
28,908,993	31,362,818	-	17,320,572	***	***	11
-	632,003	-	-	632,003	1,367,885	12
930,178	1,671,964	2,604,259	3,517,260	35,717,237	31,188,372	13
29,839,933	35,918,157	63,899,614	30,524,860	111,731,320	99,322,025	19
188,348	271,914	934,910	449,236	3,598,932	3,402,101	20
546,335	2,149,456	7,013,104	2,794,412	22,650,739	20,905,570	21
138,377	142,906	832,012	183,117	2,542,681	2,297,817	22
873,060	2,564,276	8,780,026	3,426,765	28,792,352	26,605,488	30
6,373,167	-	2,299,513	23,224,244	32,083,107	29,079,575	31
-	-	185,302	-	185,302	160,510	32
7,246,227	2,564,276	11,264,841	26,651,009	61,060,761	55,845,573	33
-	573,689	567,525	-	8,734,870	5,978,310	34
2,340	699	42,283	28,765	85,770	478,399	35
593,384	1,229,114	59,106	213,097	3,388,473	1,700,557	36
104,864	337,419	678,210	114,729	2,112,206	2,762,929	37
7,946,815	4,705,197	12,611,965	27,007,600	75,382,080	66,765,768	39
20,962,940	28,908,993	48,683,390	-	***	***	40
930,178	1,671,964	247,537	3,468,507	25,689,117	19,989,549	41
-	632,003	2,356,722	48,753	10,660,123	12,566,708	42
29,839,933	35,918,157	63,899,614	30,524,860	111,731,320	99,322,025	49

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1965

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	9,501,869	8,516,793	9,392,412	8,194,140	7,785,625
1b	Processing plants	66,414,486	59,104,199	65,873,223	57,618,477	54,913,948
2	By distribution systems:					
2a	Fields	11,599,671	9,923,069	10,077,510	7,415,713	5,936,996
2b	Processing plants	13,300,645	11,946,834	12,503,035	10,194,599	9,069,845
3	Total (1 + 2)	100,816,671	89,490,895	97,846,180	83,422,929	77,706,414
4	Imports	135,283	315,150	206,733	1,168,255	1,644,387
5	Other receipts(1)	108,455	150,362	91,024	3,354	3,291
6	Total net receipts (3 + 4 + 5)	101,060,409	89,956,407	98,143,937	84,594,538	79,354,092
7	Received from storage	9,325,261	8,080,872	5,932,988	1,942,698	42,491
9	Total supply of gas utilities (6 + 7)	110,385,670	98,037,279	104,076,925	86,537,236	79,396,583
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary)	1,326,126	1,345,539	1,375,707	774,032	580,941
13	Other gas utilities	56,220,795	48,080,279	52,134,143	40,405,393	37,861,692
19	Total gross receipts (9 + 11 + 12 + 13) ...	167,932,591	147,463,097	157,586,775	127,716,661	117,839,216
	<u>Disposition</u>					
	Sales:					
20	Residential	30,391,290	28,283,381	24,596,812	20,719,219	11,394,382
21	Industrial	22,012,020	20,359,709	23,045,019	23,908,698	23,051,208
22	Commercial	15,018,273	13,669,054	12,962,171	10,858,428	6,045,386
30	Total sales (20 + 21 + 22)	67,421,583	62,312,144	60,604,002	55,486,345	40,490,976
31	Exports	36,599,820	33,845,506	37,040,549	31,942,619	31,144,131
32	Other deliveries	246,532	212,825	207,937	177,239	165,231
33	Total net deliveries (30 + 31 + 32)	104,267,935	96,370,475	97,852,488	87,606,203	71,800,338
34	Delivered to storage	493,946	502,380	638,140	1,750,751	8,469,650
35	Line pack fluctuation	43,367	255,996	34,978	18,698	- 176,112
36	Gas used in system	4,221,592	3,438,398	4,434,614	3,819,516 ⁺	3,680,474
37	Line losses and unaccounted for	1,358,830	- 2,529,970	1,116,705	- 6,657,932	- 4,377,767
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	110,385,670	98,037,279	104,076,925	86,537,236	79,396,583
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary)	44,305,816	38,417,169	40,398,962	25,546,203	28,292,367
42	Other gas utilities	13,241,105	11,008,649	13,110,888	15,633,222	10,150,266
49	Total disposition (39 + 40 + 41 + 42)	167,932,591	147,463,097	157,586,775	127,716,661	117,839,216

(1) Includes peak shaving and enrichment.
... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1965

June	July	August	September	October	November	December	Year to date		No.
							1965	1964 ^F	
Mcf.									
6,461,634 52,344,351	6,374,529 51,807,600	6,796,549 54,323,785					63,023,551 462,400,069	52,244,521 413,740,702	1a 1b
5,177,581 8,096,332	3,491,278 8,285,632	3,706,282 9,105,469					57,328,100 82,502,391	46,878,048 88,581,605	2a 2b
72,079,898	69,959,039	73,932,085					665,254,111	601,444,876	3
1,289,500 1,233	1,395,736 548	1,388,589 762					7,543,633 359,029	7,075,947 173,529	4 5
73,370,631	71,355,323	75,321,436					673,156,773	608,694,352	6
119,657	48,165	60,644					25,552,776	16,526,735	7
73,490,288	71,403,488	75,382,080					698,709,549	625,221,087	9
...	...	...					...	...	11
535,949	589,442	632,003					7,159,739	13,795,198	12
33,465,957	34,692,241	35,717,237					338,577,737	289,382,620	13
107,492,194	106,685,171	111,731,320					1,044,447,025	928,398,905	19
6,702,356 23,073,265 3,754,341	4,205,236 21,689,531 2,831,786	3,598,932 22,650,739 2,542,681					129,891,608 179,790,189 67,682,120	110,563,576 166,396,047 54,087,609	20 21 22
33,529,962	28,726,553	28,792,352					377,363,917	331,047,232	30
32,546,331 188,888	30,910,360 169,046	32,083,107 185,302					266,112,423 1,553,000	255,539,550 1,795,526	31 32
66,265,181	59,805,959	61,060,761					645,029,340	588,382,308	33
6,447,425 - 315,085 2,993,666 - 1,900,899	9,020,808 - 44,961 3,237,199 - 615,517	8,734,870 85,770 3,388,473 2,112,206					36,057,970 - 97,349 29,213,932 - 11,494,344	27,588,315 187,372 18,205,876 - 9,142,784	34 35 36 37
73,490,288	71,403,488	75,382,080					698,709,549	625,221,087	39
...	...	...					...	...	40
23,808,795 10,193,111	24,178,548 11,103,135	25,689,117 10,660,123					250,636,977 95,100,499	207,773,912 95,403,906	41 42
107,492,194	106,685,171	111,731,320					1,044,447,025	928,398,905	49

^F Revised figures.

TABLE 4. Operating Statistics: Natural Gas Utilities

August 1965

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
August 1965:			
Daily average	1,863,620	928,786	2,251,472
Maximum(1)	2,038,982	...	...
Minimum(1)	1,605,570	...	...
Exports maximum(1)	1,174,281	...	1,174,281
August 1964:			
Daily average	1,582,875 ^F	858,242	1,994,319 ^F
Maximum(1)	1,987,423	...	...
Minimum(1)	1,476,578	...	...
Year to date 1965:			
Daily average	2,126,541	1,552,938	2,802,828
Maximum(1)	3,086,555	...	...
Minimum(1)	1,526,879	...	...
Commodity miles:			
Mcf. miles (thousands)	58,233,390	..	..
Ton-miles (millions)	1,328	..	..
Line pack:			
Beginning of month (Mcf.)	7,145,897	..	..
End of month (Mcf.)	7,228,759	..	..
Operating revenues .....	..	(\$15,496,311	..

(1) Non-coincident.

^F Revised figures.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

August 1965

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	47,596	64,906
Deliveries to ultimate customers	41,492	45,235
Line pack fluctuations	-	- 93
Gas used in system	91	453
Metering difference, line losses, cyclical billing adjustments and unaccounted for	6,013	19,311
Total disposition	47,596	64,906
Daily average sendout	1,338	1,459
Revenues	(\$28,681	(\$103,646

TABLE 6. Exports and Imports to and from the United States
August 1965

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	186,183	-
Niagara Falls	-	-
Ojibway, Ontario	-	1,386,543
Emerson, Manitoba	6,373,167	-
Coutts, Alberta	133	2,046
Aden, Alberta	1,363,130	-
Carway, Alberta	936,250	-
Kingsgate, British Columbia - U.S.A. District V South(1)	12,265,406	-
Other U.S.A.	3,026,360	-
Huntingdon, British Columbia	7,932,478	-
Canada - 1965	32,083,107	1,388,589
1964	29,079,575	858,480 ^r

(1) California, Nevada, Arizona.
^r Revised figure.

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GAS UTILITIES

(Transport and Distribution Systems)

SEPTEMBER 1965

During September 1965 field gathering systems and processing plants delivered to gas utilities 79,652,164 Mcf. of natural gas. The transport systems accounted for 63,221,622 Mcf. and the distribution systems 16,430,542 Mcf. Natural gas recovered from storage was 139,037 Mcf. The total supply of gas utilities amounted to 81,355,986 Mcf., 11.9 per cent higher than in September 1964. Of the total supply, 35,315,488 Mcf. were sold to ultimate customers in Canada, an increase of 13.9 per cent. Exports increased 1.1 per cent to 31,294,679 Mcf. from 30,961,487 Mcf. last year. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and deliveries to storage. For the twelve-month period ended September 1965 exports totalled 403,145,494 Mcf., while net deliveries amounted to 960,684,924 Mcf.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 58.1 billion commodity (Mcf.) miles (1,325 million ton-miles) during September 1965 compared with 52.7 billion (1,201 million ton-miles) last year. The daily average deliveries of gas utilities amounted to 2.4 million Mcf.

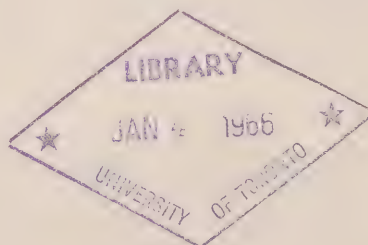
Alberta natural gas utility receipts totalled 65.2 billion cubic feet; of this, 16.7 per cent was sold to ultimate customers in Alberta, 16.0 per cent in Ontario, 3.7 per cent in Quebec, 2.8 per cent in Saskatchewan, 2.7 per cent in Manitoba and 0.9 per cent in British Columbia. Exports accounted for 37.4 per cent while the remaining 19.8 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for. In Table 3 gas received from and delivered to storage is considered as having originated or terminated in the province where the storage is located.

All gas volumes are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue 26-006 gives the Supply and Disposition of Natural Gas by Source.

Industry Division



December 1965
6511-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

September 1965

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	6,162	-	796,765
2b	Processing plants	-	-	-
3	Total (1 + 2)	6,162	-	796,765
4	Imports	-	-	1,557,445
5	Other receipts(1)	-	-	-
6	Total net receipts (3 + 4 + 5)	6,162	-	2,354,210
7	Received from storage	-	-	-
9	Total supply of gas utilities (6 + 7)	6,162	-	2,354,210
	Transfers from:			
11	Other provinces	-	2,521,588	20,510,334
12	Distribution to transport (primary)	-	-	-
13	Other gas utilities	-	2,521,588	23,163,337
19	Total gross receipts (9 + 11 + 12 + 13) ...	6,162	5,043,176	46,027,881
	<u>Disposition</u>			
	Sales:			
20	Residential	3,773	334,507	2,019,881
21	Industrial	-	1,975,074	8,786,995
22	Commercial	-	129,994	1,912,348
30	Total sales (20 + 21 + 22)	3,773	2,439,575	12,719,224
31	Exports	-	-	203,865
32	Other deliveries	-	-	11
33	Total net deliveries (30 + 31 + 32)	3,773	2,439,575	12,923,100
34	Delivered to storage	-	-	5,165,819
35	Line pack fluctuation	-	- 10,111	136,577
36	Gas used in system	-	1,546	1,264,194
37	Line losses and unaccounted for	2,389	90,578	853,266
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	6,162	2,521,588	20,342,956
	Transfers to:			
40	Other provinces	-	-	2,521,588
41	Distribution by transport (primary)	-	2,521,588	16,147,172
42	Other gas utilities	-	-	7,016,165
49	Total disposition (39 + 40 + 41 + 42)	6,162	5,043,176	46,027,881

(1) Includes peak shaving and enrichment.
 † Revised figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

September 1965

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	September 1964 ^r	No.
					Canada	
Mcf.						
-	-	5,432,235	218,031	5,650,266	6,353,153	1a
-	87,464	46,669,669	10,814,223	57,571,356	49,269,187	1b
-	945,222	4,277,877	13,405	6,039,431	5,450,517	2a
-	1,579,200	8,782,094	29,817	10,391,111	10,421,091	2b
-	2,611,886	65,161,875	11,075,476	79,652,164	71,493,948	3
-	-	6,856	-	1,564,301	746,080	4
484	-	-	-	484	4,069	5
484	2,611,886	65,168,731	11,075,476	81,216,949	72,244,097	6
-	93,446	45,591	-	139,037	429,236	7
484	2,705,332	65,214,322	11,075,476	81,355,986	72,673,333	9
29,238,665	32,210,037	-	16,797,848	...	...	11
-	328,477	-	-	328,477	3,019,129	12
2,256,928	1,910,990	2,684,412	4,663,871	37,201,126	31,244,348	13
31,496,077	37,154,836	67,898,734	32,537,195	118,885,589	106,936,810	19
440,734	444,732	1,929,220	796,326	5,969,173	5,307,787	20
1,116,520	2,328,718	7,203,821	3,405,684	24,816,812	21,821,055	21
308,367	195,858	1,740,936	242,000	4,529,503	3,877,500	22
1,865,621	2,969,308	10,873,977	4,444,010	35,315,488	31,006,342	30
5,791,027	-	2,332,243	22,967,544	31,294,679	30,961,487	31
-	-	193,481	-	193,492	242,480	32
7,656,648	2,969,308	13,399,701	27,411,554	66,803,659	62,210,309	33
-	250,805	417,670	-	5,834,294	4,361,571	34
31,455	63,318	74,495	- 21,927	273,807	- 198,863	35
563,854	1,178,452	88,232	276,433	3,372,711	2,161,198	36
476,858	1,214,821	2,226,339	207,264	5,071,515	4,139,118	37
8,728,815	5,676,704	16,206,437	27,873,324	81,355,986	72,673,333	39
20,510,334	29,238,665	49,007,885	-	...	...	40
2,256,928	1,910,990	525,706	4,576,301	27,938,685	22,244,472	41
-	328,477	2,158,706	87,570	9,590,918	12,019,005	42
31,496,077	37,154,836	67,898,734	32,537,195	118,885,589	106,936,810	49

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1965

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	9,501,869	8,516,793	9,392,412	8,194,140	7,785,625
1b	Processing plants	66,414,486	59,104,199	65,873,223	57,618,477	54,913,948
2	By distribution systems:					
2a	Fields	11,599,671	9,923,069	10,077,510	7,415,713	5,936,996
2b	Processing plants	13,300,645	11,946,834	12,503,035	10,194,599	9,069,845
3	Total (1 + 2)	100,816,671	89,490,895	97,846,180	83,422,929	77,706,414
4	Imports	135,283	315,150	206,733	1,168,255	1,644,387
5	Other receipts(1)	108,455	150,362	91,024	3,354	3,291
6	Total net receipts (3 + 4 + 5)	101,060,409	89,956,407	98,143,937	84,594,538	79,354,092
7	Received from storage	9,325,261	8,080,872	5,932,988	1,942,698	42,491
9	Total supply of gas utilities (6 + 7)	110,385,670	98,037,279	104,076,925	86,537,236	79,396,583
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary)	1,326,126	1,345,539	1,375,707	774,032	580,941
13	Other gas utilities	56,220,795	48,080,279	52,134,143	40,405,393	37,861,692
19	Total gross receipts (9 + 11 + 12 + 13) ...	167,932,591	147,463,097	157,586,775	127,716,661	117,839,216
	<u>Disposition</u>					
	Sales:					
20	Residential	30,391,290	28,283,381	24,596,812	20,719,219	11,394,382
21	Industrial	22,012,020	20,359,709	23,045,019	23,908,698	23,051,208
22	Commercial	15,018,273	13,669,054	12,962,171	10,858,428	6,045,386
30	Total sales (20 + 21 + 22)	67,421,583	62,312,144	60,604,002	55,486,345	40,490,976
31	Exports	36,599,820	33,845,506	37,040,549	31,942,619	31,144,131
32	Other deliveries	246,532	212,825	207,937	177,239	165,231
33	Total net deliveries (30 + 31 + 32)	104,267,935	96,370,475	97,852,488	87,606,203	71,800,338
34	Delivered to storage	493,946	502,380	638,140	1,750,751	8,469,650
35	Line pack fluctuation	43,367	255,996	34,978	18,698	- 176,112
36	Gas used in system	4,221,592	3,438,398	4,434,614	3,819,516	3,680,474
37	Line losses and unaccounted for	1,358,830	- 2,529,970	1,116,705	- 6,657,932	- 4,377,767
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	110,385,670	98,037,279	104,076,925	86,537,236	79,396,583
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary)	44,305,816	38,417,169	40,398,962	25,546,203	28,292,367
42	Other gas utilities	13,241,105	11,008,649	13,110,888	15,633,222	10,150,266
49	Total disposition (39 + 40 + 41 + 42)	167,932,591	147,463,097	157,586,775	127,716,661	117,839,216

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1965

June	July	August	September	October	November	December	Year to date		No.
							1965	1964 ^r	
Mcf.									
6,461,634 52,344,351	6,374,529 51,807,600	6,796,549 54,323,785	5,650,266 57,571,356				68,673,817 519,971,425	58,597,674 463,009,889	1a 1b
5,177,581 8,096,332	3,491,278 8,285,632	3,706,282 9,105,469	6,039,431 10,391,111				63,367,531 92,893,502	52,328,565 99,002,696	2a 2b
72,079,898	69,959,039	73,932,085	79,652,164				744,906,275	672,938,824	3
1,289,500 1,233	1,395,736 548	1,388,589 762	1,564,301 484				9,107,934 359,513	7,822,027 177,598	4 5
73,370,631	71,355,323	75,321,436	81,216,949				754,373,722	680,938,449	6
119,657	48,165	60,644	139,037				25,691,813	16,955,971	7
73,490,288	71,403,488	75,382,080	81,355,986				780,065,535	697,894,420	9
535,949 33,465,957	589,442 34,692,241	632,003 35,717,237	328,477 37,201,126				7,488,216 375,778,863	16,814,327 320,626,968	11 12 13
107,492,194	106,685,171	111,731,320	118,885,589				1,163,332,614	1,035,335,715	19
6,702,356 23,073,265 3,754,341	4,205,236 21,689,531 2,831,786	3,598,932 22,650,739 2,542,681	5,969,173 24,816,812 4,529,503				135,860,781 204,607,001 72,211,623	115,871,363 188,217,102 57,965,109	20 21 22
33,529,962	28,726,553	28,792,352	35,315,488				412,679,405	362,053,574	30
32,546,331 188,888	30,910,360 169,046	32,083,107 185,302	31,294,679 193,492				297,407,102 1,746,492	286,501,037 2,038,006	31 32
66,265,181	59,805,959	61,060,761	66,803,659				711,832,999	650,592,617	33
6,447,425 - 315,085 2,993,666 - 1,900,899	9,020,808 - 44,961 3,237,199 - 615,517	8,734,870 85,770 3,388,473 2,112,206	5,834,294 273,807 3,372,711 5,071,515				41,892,264 176,458 32,586,643 - 6,422,829	31,949,886 - 11,491 20,367,074 - 5,003,666	34 35 36 37
73,490,288	71,403,488	75,382,080	81,355,986				780,065,535	697,894,420	39
23,808,795 10,193,111	24,178,548 11,103,135	25,689,117 10,660,123	27,938,685 9,590,918				278,575,662 104,691,417	230,018,384 107,422,911	40 41 42
107,492,194	106,685,171	111,731,320	118,885,589				1,163,332,614	1,035,335,715	49

^r Revised figures.

TABLE 3. Receipts and Disposition of Natural Gas by Source

September 1965

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	5,432,235	218,031	...	5,650,266
1b	Processing plants	-	-	87,464	46,669,669	10,814,223	...	57,571,356
2	By distribution systems:							
2a	Fields	6,162	796,765	945,222	4,277,877	13,405	...	6,039,431
2b	Processing plants	-	-	1,579,200	8,782,094	29,817	...	10,391,111
3	Total (1 + 2)	6,162	796,765	2,611,886	65,161,875	11,075,476	...	79,652,164
4	Imports .....	...	...	...	...	...	1,564,301	1,564,301
5	Other receipts (1)	-	-	-	484	-	...	484
6	Total net receipts (3 + 4 + 5)	6,162	796,765	2,611,886	65,162,359	11,075,476	1,564,301	81,216,949
7	Received from storage	-	-	93,446	45,591	-	...	139,037
9	Total supply of gas utilities (6 + 7)	6,162	796,765	2,705,332	65,207,950	11,075,476	1,564,301	81,355,986
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	630,906	3,813,104	-	4,444,010
24	Alberta	-	-	-	10,867,121	-	6,856	10,873,977
25	Saskatchewan	-	-	1,154,684	1,814,624	-	-	2,969,308
26	Manitoba	-	-	124,876	1,740,745	-	-	1,865,621
27	Ontario	-	743,365	-	10,418,414	-	1,557,445	12,719,224
28	Quebec	-	-	-	2,439,575	-	-	2,439,575
29	New Brunswick	3,773	-	-	-	-	-	3,773
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	3,773	743,365	1,279,560	27,911,385	3,813,104	1,564,301	35,315,488
31	Exports	-	-	-	24,395,723	6,898,956	-	31,294,679
32	Other deliveries	-	-	-	193,492	-	-	193,492
33	Total net deliveries (30 + 31 + 32)	3,773	743,365	1,279,560	52,500,600	10,712,060	1,564,301	66,803,659
34	Delivered to storage	-	-	250,805	5,583,489	-	-	5,834,294
35	Line pack fluctuation	-	-	21,378	283,068	- 30,639	-	273,807
36	Gas used in system	-	27,100	55,088	3,068,676	221,847	-	3,372,711
37	Line losses and unaccounted for	2,389	26,300	1,098,501	3,772,117	172,208	-	5,071,515
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	6,162	796,765	2,705,332	65,207,950	11,075,476	1,564,301	81,355,986

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

September 1965

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
September 1965:			
Daily average	1,974,445	1,177,183	2,421,265
Maximum(1)	2,219,478	...	...
Minimum(1)	1,446,100	...	...
Exports maximum(1)	1,190,633	...	1,190,633
September 1964:			
Daily average	1,773,532 ^r	1,033,545	2,219,063 ^r
Maximum(1)	2,195,346	...	...
Minimum(1)	1,428,932	...	...
Year to date 1965:			
Daily average	2,109,827	1,511,646	2,500,156
Maximum(1)	3,086,555	...	...
Minimum(1)	1,446,100	...	...
Commodity miles:			
Mcf. miles (thousands)	58,112,769	..	..
Ton-miles (millions)	1,325	..	..
Line pack:			
Beginning of month (Mcf.)	7,228,759	..	..
End of month (Mcf.)	7,485,406	..	..
Operating revenues .....	..	(\$ )19,442,328	..

(1) Non-coincident.
^r Revised figures.
 .. Figures not available.
 ... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

September 1965

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	58,525	74,046
Deliveries to ultimate customers	57,906	51,730
Line pack fluctuations	-	485
Gas used in system	- 492	692
Metering difference, line losses, cyclical billing adjustments and unaccounted for	1,111	21,139
Total disposition	58,525	74,046
Daily average sendout	1,930	1,724
Revenues	(\$)42,432	(\$)114,098

TABLE 6. Exports and Imports to and from the United States
September 1965

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	203,865	-
Niagara Falls	-	-
Ojibway, Ontario	-	1,557,445
Emerson, Manitoba	5,791,027	-
Coutts, Alberta	-	6,856
Aden, Alberta	1,425,974	-
Carway, Alberta	906,269	-
Kingsgate, British Columbia - U.S.A. District V South(1)	11,950,277	-
Other U.S.A.	3,150,522	-
Huntingdon, British Columbia	7,866,745	-
Canada - 1965	31,294,679	1,564,301
1964	30,961,487 ^r	746,080 ^r

(1) California, Nevada, Arizona.
^r Revised figures.

CATALOGUE No.

55-002

MONTHLY

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

(Published by Authority of the Minister of Trade and Commerce)

Vol. 7, No. 10

Price: 20 cents, \$2.00 a year

GAS UTILITIES

(Transport and Distribution Systems)

OCTOBER 1965

During October 1965 field gathering systems and processing plants delivered to gas utilities 85,463,511 Mcf. of natural gas. The transport systems accounted for 68,993,813 Mcf. and the distribution systems 16,469,698 Mcf. Natural gas recovered from storage was 1,218,003 Mcf. The total supply of gas utilities amounted to 87,925,222 Mcf., 6.0 per cent higher than in October 1964. Of the total supply, 43,576,779 Mcf. were sold to ultimate customers in Canada, an increase of 13.4 per cent. Exports decreased slightly to 34,233,078 Mcf. from 34,477,599 Mcf. last year. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and deliveries to storage. For the twelve-month period ended October 1965 exports totalled 402,900,973 Mcf., while net deliveries amounted to 965,590,551 Mcf.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 63.9 billion commodity (Mcf.) miles (1,457 million ton-miles) during October 1965 compared with 59.0 billion (1,345 million ton-miles) last year. The daily average deliveries of gas utilities amounted to 2.6 million Mcf.

Alberta natural gas utility receipts totalled 68.9 billion cubic feet; of this, 19.3 per cent was sold to ultimate customers in Ontario, 19.0 per cent in Alberta, 3.7 per cent in Quebec, 3.0 per cent in Manitoba, 2.9 per cent in Saskatchewan and 1.3 per cent in British Columbia. Exports accounted for 38.3 per cent while the remaining 12.5 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for. In Table 3 gas received from and delivered to storage is considered as having originated or terminated in the province where the storage is located.

All gas volumes are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue 26-006 gives the Supply and Disposition of Natural Gas by Source.

Industry Division

January 1966
6511-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

October 1965

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	6,993	-	822,198
2b	Processing plants	-	-	-
3	Total (1 + 2)	6,993	-	822,198
4	Imports	-	-	1,235,852
5	Other receipts(1)	-	-	-
6	Total net receipts (3 + 4 + 5)	6,993	-	2,058,050
7	Received from storage	-	-	1,085,489
9	Total supply of gas utilities (6 + 7)	6,993	-	3,143,539
	Transfers from:			
11	Other provinces	-	2,651,409	21,920,892
12	Distribution to transport (primary)	-	-	-
13	Other gas utilities	-	2,651,409	24,321,347
19	Total gross receipts (9 + 11 + 12 + 13) ...	6,993	5,302,818	49,385,778
	<u>Disposition</u>			
	Sales:			
20	Residential	4,139	727,333	4,102,706
21	Industrial	-	1,608,092	9,417,235
22	Commercial	-	203,710	2,478,025
30	Total sales (20 + 21 + 22)	4,139	2,539,135	15,997,966
31	Exports	-	-	264,599
32	Other deliveries	-	-	262
33	Total net deliveries (30 + 31 + 32)	4,139	2,539,135	16,262,827
34	Delivered to storage	-	-	1,981,077
35	Line pack fluctuation	-	11,019	- 34,426
36	Gas used in system	-	8,126	1,336,602
37	Line losses and unaccounted for	2,854	93,129	2,866,942
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	6,993	2,651,409	22,413,022
	Transfers to:			
40	Other provinces	-	-	2,651,409
41	Distribution by transport (primary)	-	2,651,409	17,686,279
42	Other gas utilities	-	-	6,635,068
49	Total disposition (39 + 40 + 41 + 42)	6,993	5,302,818	49,385,778

(1) Includes peak shaving and enrichment.

r Revised figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

October 1965

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	October 1964 ^r	No.
					Canada	
Mcf.						
-	-	6,325,070	113,086	6,438,156	7,270,025	1a
-	125,945	49,657,921	12,771,791	62,555,657	57,630,352	1b
-	1,068,784	5,377,497	17,682	7,293,154	6,351,906	2a
-	1,751,875	7,389,328	35,341	9,176,544	10,698,835	2b
-	2,946,604	68,749,816	12,937,900	85,463,511	81,951,118	3
-	-	5,526	-	1,241,378	157,257	4
2,330	-	-	-	2,330	2,490	5
2,330	2,946,604	68,755,342	12,937,900	86,707,219	82 110,865	6
-	19,763	112,751	-	1,218,003	855,110	7
2,330	2,966,367	68,868,093	12,937,900	87,925,222	82,965,975	9
30,914,309	33,957,777	2,679	18,608,728	...	...	11
-	336,721	-	-	336,721	1,398,275	12
2,382,011	1,838,240	3,131,295	5,620,291	39,944,593	38,662,447	13
33,298,650	39,099,105	72,002,067	37,166,919	128,206,536	123,026,697	19
807,378	1,142,883	3,031,139	1,266,813	11,082,391	9,634,677	20
861,238	2,544,977	7,674,847	3,738,944	25,845,333	23,444,058	21
585,333	620,818	2,396,293	364,876	6,649,055	5,360,711	22
2,253,949	4,308,678	13,102,279	5,370,633	43,576,779	38,439,446	30
5,966,217	-	2,539,023	25,463,239	34,233,078	34,477,599	31
-	-	200,119	-	200,381	187,566	32
8,220,166	4,308,678	15,841,421	30,833,872	78,010,238	73,104,611	33
-	421,060	312,066	-	2,714,203	1,890,915	34
- 10,590	- 6,821	58,065	97,000	114,247	403,009	35
635,645	1,335,854	77,688	397,673	3,791,588	2,382,704	36
150,526	- 51,615	15,027	218,083	3,294,946	5,184,736	37
8,995,747	6,007,156	16,304,267	31,546,628	87,925,222	82,965,975	39
21,920,892	30,916,988	52,566,505	-	...	...	40
2,382,011	1,838,240	766,540	5,511,375	30,835,854	27,118,053	41
-	336,721	2,364,755	108,916	9,445,460	12,942,669	42
33,298,650	39,099,105	72,002,067	37,166,919	128,206,536	123,026,697	49

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1965

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	9,501,869	8,516,793	9,392,412	8,194,140	7,785,625
1b	Processing plants	66,414,486	59,104,199	65,873,223	57,618,477	54,913,948
2	By distribution systems:					
2a	Fields	11,599,671	9,923,069	10,077,510	7,415,713	5,936,996
2b	Processing plants	13,300,645	11,946,834	12,503,035	10,194,599	9,069,845
3	Total (1 + 2)	100,816,671	89,490,895	97,846,180	83,422,929	77,706,414
4	Imports	135,283	315,150	206,733	1,168,255	1,644,387
5	Other receipts(1)	108,455	150,362	91,024	3,354	3,291
6	Total net receipts (3 + 4 + 5)	101,060,409	89,956,407	98,143,937	84,594,538	79,354,092
7	Received from storage	9,325,261	8,080,872	5,932,988	1,942,698	42,491
9	Total supply of gas utilities (6 + 7)	110,385,670	98,037,279	104,076,925	86,537,236	79,396,583
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary)	1,326,126	1,345,539	1,375,707	774,032	580,941
13	Other gas utilities	56,220,795	48,080,279	52,134,143	40,405,393	37,861,692
19	Total gross receipts (9 + 11 + 12 + 13) ...	167,932,591	147,463,097	157,586,775	127,716,661	117,839,216
	<u>Disposition</u>					
	Sales:					
20	Residential	30,391,290	28,283,381	24,596,812	20,719,219	11,394,382
21	Industrial	22,012,020	20,359,709	23,045,019	23,908,698	23,051,208
22	Commercial	15,018,273	13,669,054	12,962,171	10,858,428	6,045,386
30	Total sales (20 + 21 + 22)	67,421,583	62,312,144	60,604,002	55,486,345	40,490,976
31	Exports	36,599,820	33,845,506	37,040,549	31,942,619	31,144,131
32	Other deliveries	246,532	212,825	207,937	177,239	165,231
33	Total net deliveries (30 + 31 + 32)	104,267,935	96,370,475	97,852,488	87,606,203	71,800,338
34	Delivered to storage	493,946	502,380	638,140	1,750,751	8,469,650
35	Line pack fluctuation	43,367	255,996	34,978	18,698	- 176,112
36	Gas used in system	4,221,592	3,438,398	4,434,614	3,819,516	3,680,474
37	Line losses and unaccounted for	1,358,830	- 2,529,970	1,116,705	- 6,657,932	- 4,377,767
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	110,385,670	98,037,279	104,076,925	86,537,236	79,396,583
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary)	44,305,816	38,417,169	40,398,962	25,546,203	28,292,367
42	Other gas utilities	13,241,105	11,008,649	13,110,888	15,633,222	10,150,266
49	Total disposition (39 + 40 + 41 + 42)	167,932,591	147,463,097	157,586,775	127,716,661	117,839,216

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1965

June	July	August	September	October	November	December	Year to date		No.
							1965	1964 ^r	
Mcf.									
6,461,634 52,344,351	6,374,529 51,807,600	6,796,549 54,323,785	5,650,266 57,571,356	6,438,156 62,555,657			75,111,973 582,527,082	65,867,699 520,640,241	1a 1b
5,177,581 8,096,332	3,491,278 8,285,632	3,706,282 9,105,469	6,039,431 10,391,111	7,293,154 9,176,544			70,660,685 102,070,046	58,680,471 109,701,531	2a 2b
72,079,898	69,959,039	73,932,085	79,652,164	85,463,511			830,369,786	754,889,942	3
1,289,500 1,233	1,395,736 548	1,388,589 762	1,564,301 484	1,241,378 2,330			10,349,312 361,843	7,979,284 180,088	4 5
73,370,631	71,355,323	75,321,436	81,216,949	86,707,219			841,080,941	763,049,314	6
119,657	48,165	60,644	139,037	1,218,003			26,909,816	17,811,081	7
73,490,288	71,403,488	75,382,080	81,355,986	87,925,222			867,990,757	780,860,395	9
...	...	...	...	...			...	...	11
535,949	589,442	632,003	328,477	336,721			7,824,937	18,212,602	12
33,465,957	34,692,241	35,717,237	37,201,126	39,944,593			415,723,456	359,289,415	13
107,492,194	106,685,171	111,731,320	118,885,589	128,206,536			1,291,539,150	1,158,362,412	19
6,702,356 23,073,265 3,754,341	4,205,236 21,689,531 2,831,786	3,598,932 22,650,739 2,542,681	5,969,173 24,816,812 4,529,503	11,082,391 25,845,333 6,649,055			146,943,172 230,452,334 78,860,678	125,506,040 211,661,160 63,325,820	20 21 22
33,529,962	28,726,553	28,792,352	35,315,488	43,576,779			456,256,184	400,493,020	30
32,546,331 188,888	30,910,360 169,046	32,083,107 185,302	31,294,679 193,492	34,233,078 200,381			331,640,180 1,946,873	320,978,636 2,225,572	31 32
66,265,181	59,805,959	61,060,761	66,803,659	78,010,238			789,843,237	723,697,228	33
6,447,425 - 315,085	9,020,808 - 44,961	8,734,870 85,770	5,834,294 273,807	2,714,203 114,247			44,606,467 290,705	33,840,801 391,518	34 35
2,993,666 - 1,900,899	3,237,199 - 615,517	3,388,473 2,112,206	3,372,711 5,071,515	3,791,588 3,294,946			36,378,231 - 3,127,883	22,749,778 181,070	36 37
73,490,288	71,403,488	75,382,080	81,355,986	87,925,222			867,990,757	780,860,395	39
...	...	...	...	...			...	...	40
23,808,795 10,193,111	24,178,548 11,103,135	25,689,117 10,660,123	27,938,685 9,590,918	30,835,854 9,445,460			309,411,516 114,136,877	257,136,437 120,365,580	41 42
107,492,194	106,685,171	111,731,320	118,885,589	128,206,536			1,291,539,150	1,158,362,412	49

^r Revised figures.

TABLE 3. Receipts and Disposition of Natural Gas by Source

October 1965

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	6,325,070	113,086	...	6,438,156
1b	Processing plants	-	-	125,945	49,657,921	12,771,791	...	62,555,657
2	By distribution systems:							
2a	Fields	6,993	822,198	1,068,784	5,377,497	17,682	...	7,293,154
2b	Processing plants	-	-	1,751,875	7,389,328	35,341	...	9,176,544
3	Total (1 + 2)	6,993	822,198	2,946,604	68,749,816	12,937,900	...	85,463,511
4	Imports .....	...	...	...	...	...	1,241,378	1,241,378
5	Other receipts (1)	-	-	-	2,330	-	...	2,330
6	Total net receipts (3 + 4 + 5)	6,993	822,198	2,946,604	68,752,146	12,937,900	1,241,378	86,707,219
7	Received from storage	-	1,085,489	19,763	112,751	-	...	1,218,003
9	Total supply of gas utilities (6 + 7)	6,993	1,907,687	2,966,367	68,864,897	12,937,900	1,241,378	87,925,222
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	894,521	4,476,112	-	5,370,633
24	Alberta	-	-	2,679	13,094,074	-	5,526	13,102,279
25	Saskatchewan	-	-	2,347,582	1,961,096	-	-	4,308,678
26	Manitoba	-	-	199,942	2,054,007	-	-	2,253,949
27	Ontario	-	1,437,401	-	13,324,713	-	1,235,852	15,997,966
28	Quebec	-	-	-	2,539,135	-	-	2,539,135
29	New Brunswick	4,139	-	-	-	-	-	4,139
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	4,139	1,437,401	2,550,203	33,867,546	4,476,112	1,241,378	43,576,779
31	Exports	-	-	-	26,403,310	7,829,768	-	34,233,078
32	Other deliveries	-	-	-	200,381	-	-	200,381
33	Total net deliveries (30 + 31 + 32)	4,139	1,437,401	2,550,203	60,471,237	12,305,880	1,241,378	78,010,238
34	Delivered to storage	-	-	421,060	2,293,143	-	-	2,714,203
35	Line pack fluctuation	-	-	7,299	29,899	77,049	-	114,247
36	Gas used in system	-	26,280	69,670	3,358,029	337,609	-	3,791,588
37	Line losses and unaccounted for	2,854	444,006	- 81,865	2,712,589	217,362	-	3,294,946
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	6,993	1,907,687	2,966,367	68,864,897	12,937,900	1,241,378	87,925,222

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics; Natural Gas Utilities

October 1965

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
October 1965:			
Daily average	2,098,998	1,405,703	2,604,014
Maximum(1)	2,287,839	...	...
Minimum(1)	1,829,402	...	...
Exports maximum(1)	1,202,457	...	1,202,457
October 1964:			
Daily average	1,986,957 ^r	1,239,982	2,419,211 ^r
Maximum(1)	2,440,238	...	...
Minimum(1)	1,850,247	...	...
Year to date 1965:			
Daily average	2,108,723	1,500,843	2,744,900
Maximum(1)	3,086,555	...	...
Minimum(1)	1,446,100	...	...
Commodity miles:			
Mcf. miles (thousands)	63,900,294	..	..
Ton-miles (millions)	1,457	..	..
Line pack:			
Beginning of month (Mcf.)	7,485,406	..	..
End of month (Mcf.)	7,567,998	..	..
Operating revenues .....	..	(\$ )26,536,664	..

(1) Non-coincident.

^r Revised figures.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

October 1965

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	63,081	93,440
Deliveries to ultimate customers	61,093	70,314
Line pack fluctuations	-	364
Gas used in system	- 373	1,018
Metering difference, line losses, cyclical billing adjustments and unaccounted for	2,361	21,744
Total disposition	63,081	93,440
Daily average sendout	1,971	2,268
Revenues	(\$)41,080	(\$)143,506

TABLE 6. Exports and Imports to and from the United States

October 1965

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	264,599	-
Niagara Falls	-	-
Ojibway, Ontario	-	1,235,852
Emerson, Manitoba	5,966,217	-
Coutts, Alberta	237	5,526
Aden, Alberta	1,606,066	-
Carway, Alberta	932,720	-
Kingsgate, British Columbia - U.S.A. District V South(1)	12,531,210	-
Other U.S.A.	3,901,752	-
Huntingdon, British Columbia	9,030,277	-
Canada - 1965	34,233,078	1,241,378
1964	34,477,599 ^r	157,257 ^r

(1) California, Nevada, Arizona.

^r Revised figures.

CATALOGUE No.

55-002

MONTHLY

DOMINION BUREAU OF STATISTICS

(OTTAWA - CANADA)

Published by Authority of the Minister of Trade and Commerce

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GAS UTILITIES (Transport and Distribution Systems)

NOVEMBER 1965

During November 1965 field gathering systems and processing plants delivered to gas utilities 95,050,982 Mcf. of natural gas. The transport systems accounted for 74,704,124 Mcf. and the distribution systems 20,346,858 Mcf. Natural gas recovered from storage was 3,563,684 Mcf. The total supply of gas utilities amounted to 102,164,210 Mcf., 11.4 per cent higher than in November 1964. Of the total supply, 52,581,512 Mcf. were sold to ultimate customers in Canada, an increase of 17.2 per cent. Exports increased 2.9 per cent to 35,554,290 Mcf. from 34,546,890 Mcf. last year. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and deliveries to storage. For the twelve-month period ended November 1965 exports totalled 403,908,373 Mcf., while net deliveries amounted to 974,329,325 Mcf.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 65.1 billion commodity (Mcf.) miles (1,484 million ton-miles) during November 1965 compared with 58.8 billion (1,340 million ton-miles) last year. The daily average deliveries of gas utilities amounted to 3.0 million Mcf.

Alberta natural gas utility receipts totalled 78.4 billion cubic feet; of this, 20.0 per cent was sold to ultimate customers in Alberta, 17.6 per cent in Ontario, 4.2 per cent in Saskatchewan, 3.8 per cent in Quebec, 3.6 per cent in Manitoba and 1.1 per cent in British Columbia. Exports accounted for 35.7 per cent while the remaining 14.0 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for. In Table 3 gas received from and delivered to storage is considered as having originated or terminated in the province where the storage is located.

All gas volumes are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60° F; that is, without adjustments to a common B.T.U. base. Gas sales and exports containing 1,000 B.T.U. per cubic foot are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue 26-006 gives the Supply and Disposition of Natural Gas by Source.

Industry Division

February 1966
6511-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

November 1965

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	8,078	-	752,622
2b	Processing plants	-	-	-
3	Total (1 + 2)	8,078	-	752,622
4	Imports	-	-	3,533,260
5	Other receipts(1)	-	-	-
6	Total net receipts (3 + 4 + 5)	8,078	-	4,285,882
7	Received from storage	-	-	2,619,488
9	Total supply of gas utilities (6 + 7)	8,078	-	6,905,370
	Transfers from:			
11	Other provinces	-	3,125,792	21,493,106
12	Distribution to transport (primary)	-	-	-
13	Other gas utilities	-	3,125,792	26,483,885
19	Total gross receipts (9 + 11 + 12 + 13) ...	8,078	6,251,584	54,882,361
	<u>Disposition</u>			
	Sales:			
20	Residential	4,901	1,078,369	6,695,846
21	Industrial	-	1,642,474	9,796,090
22	Commercial	-	287,853	3,611,054
30	Total sales (20 + 21 + 22)	4,901	3,008,696	20,102,990
31	Exports	-	-	319,058
32	Other deliveries	-	-	1,604
33	Total net deliveries (30 + 31 + 32)	4,901	3,008,696	20,423,652
34	Delivered to storage	-	-	535,205
35	Line pack fluctuation	-	1,006	4,752
36	Gas used in system	-	7,132	1,379,830
37	Line losses and unaccounted for	3,177	108,958	2,929,245
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	8,078	3,125,792	25,272,684
	Transfers to:			
40	Other provinces	-	-	3,125,792
41	Distribution by transport (primary)	-	3,125,792	18,746,824
42	Other gas utilities	-	-	7,737,061
49	Total disposition (39 + 40 + 41 + 42)	8,078	6,251,584	54,882,361

(1) Includes peak shaving and enrichment.

x Revised figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

November 1965

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	November 1964 ^F	No.
					Canada	
Mcf.						
-	-	8,896,139	175,029	9,071,168	8,640,446	1a
-	574,067	51,980,736	13,078,153	65,632,956	58,152,079	1b
-	1,097,162	8,108,520	24,368	9,990,750	8,943,963	2a
-	1,349,482	8,946,209	60,417	10,356,108	12,147,228	2b
-	3,020,711	77,931,604	13,337,967	95,050,982	87,883,716	3
-	-	11,189	-	3,544,449	10,113	4
5,095	-	-	-	5,095	20,512	5
5,095	3,020,711	77,942,793	13,337,967	98,600,526	87,914,341	6
-	463,477	480,719	-	3,563,684	3,779,867	7
5,095	3,484,188	78,423,512	13,337,967	102,164,210	91,694,208	9
32,421,386	36,821,556	-	20,024,989	...	...	11
-	547,063	-	-	547,063	1,746,316	12
4,031,144	3,698,358	4,267,454	6,403,256	48,009,889	42,000,409	13
36,457,625	44,551,165	82,690,966	39,766,212	150,721,162	135,440,933	19
1,203,340	1,328,008	4,021,267	1,863,630	16,195,361	14,188,982	20
1,001,259	2,736,898	8,234,655	3,554,977	26,966,353	22,795,605	21
840,474	715,547	3,424,484	540,386	9,419,798	7,898,121	22
3,045,073	4,780,453	15,680,406	5,958,993	52,581,512	44,882,708	30
6,216,918	-	2,390,003	26,628,311	35,554,290	34,546,890	31
-	-	245,211	-	246,815	214,245	32
9,261,991	4,780,453	18,315,620	32,587,304	88,382,617	79,643,843	33
-	109,654	224,320	-	869,179	723,283	34
3,765	7,531	263,130	24,083	304,267	-91,628	35
660,819	1,437,699	112,928	467,467	4,065,875	3,222,198	36
1,006,800	1,549,021	2,660,969	284,102	8,542,272	8,196,512	37
10,933,375	7,884,358	21,576,967	33,362,956	102,164,210	91,694,208	39
21,493,106	32,421,386	56,846,545	-	...	...	40
4,031,144	3,698,358	1,484,909	6,241,668	37,328,695	32,892,232	41
-	547,063	2,782,545	161,588	11,228,257	10,854,493	42
36,457,625	44,551,165	82,690,966	39,766,212	150,721,162	135,440,933	49

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1965

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	9,501,869	8,516,793	9,392,412	8,194,140	7,785,625
1b	Processing plants	66,414,486	59,104,199	65,873,223	57,618,477	54,913,948
2	By distribution systems:					
2a	Fields	11,599,671	9,923,069	10,077,510	7,415,713	5,936,996
2b	Processing plants	13,300,645	11,946,834	12,503,035	10,194,599	9,069,845
3	Total (1 + 2)	100,816,671	89,490,895	97,846,180	83,422,929	77,706,414
4	Imports	135,283	315,150	206,733	1,168,255	1,644,387
5	Other receipts(1)	108,455	150,362	91,024	3,354	3,291
6	Total net receipts (3 + 4 + 5)	101,060,409	89,956,407	98,143,937	84,594,538	79,354,092
7	Received from storage	9,325,261	8,080,872	5,932,988	1,942,698	42,491
9	Total supply of gas utilities (6 + 7)	110,385,670	98,037,279	104,076,925	86,537,236	79,396,583
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary)	1,326,126	1,345,539	1,375,707	774,032	580,941
13	Other gas utilities	56,220,795	48,080,279	52,134,143	40,405,393	37,861,692
19	Total gross receipts (9 + 11 + 12 + 13) ...	167,932,591	147,463,097	157,586,775	127,716,661	117,839,216
	<u>Disposition</u>					
	Sales:					
20	Residential	30,391,290	28,283,381	24,596,812	20,719,219	11,394,382
21	Industrial	22,012,020	20,359,709	23,045,019	23,908,698	23,051,208
22	Commercial	15,018,273	13,669,054	12,962,171	10,858,428	6,045,386
30	Total sales (20 + 21 + 22)	67,421,583	62,312,144	60,604,002	55,486,345	40,490,976
31	Exports	36,599,820	33,845,506	37,040,549	31,942,619	31,144,131
32	Other deliveries	246,532	212,825	207,937	177,239	165,231
33	Total net deliveries (30 + 31 + 32)	104,267,935	96,370,475	97,852,488	87,606,203	71,800,338
34	Delivered to storage	493,946	502,380	638,140	1,750,751	8,469,650
35	Line pack fluctuation	43,367	255,996	34,978	18,698	- 176,112
36	Gas used in system	4,221,592	3,438,398	4,434,614	3,819,516	3,680,474
37	Line losses and unaccounted for	1,358,830	- 2,529,970	1,116,705	- 6,657,932	- 4,377,767
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	110,385,670	98,037,279	104,076,925	86,537,236	79,396,583
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary)	44,305,816	38,417,169	40,398,962	25,546,203	28,292,367
42	Other gas utilities	13,241,105	11,008,649	13,110,888	15,633,222	10,150,266
49	Total disposition (39 + 40 + 41 + 42)	167,932,591	147,463,097	157,586,775	127,716,661	117,839,216

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada,

June	July	August	September	October	November	December	Year to date		No.
							1965	1964 [†]	
Mcf.									
6,461,634 52,344,351	6,374,529 51,807,600	6,796,549 54,323,785	5,650,266 57,571,356	6,438,156 62,555,657	9,071,168 65,632,956		84,183,141 648,160,038	74,508,145 578,792,320	1a 1b
5,177,581 8,096,332	3,491,278 8,285,632	3,706,282 9,105,469	6,039,431 10,391,111	7,293,154 9,176,544	9,990,750 10,356,108		80,651,435 112,426,154	67,624,434 121,848,759	2a 2b
72,079,898	69,959,039	73,932,085	79,652,164	85,463,511	95,050,982		925,420,768	842,773,658	3
1,289,500 1,233	1,395,736 548	1,388,589 762	1,564,301 484	1,241,378 2,330	3,544,449 5,095		13,893,761 366,938	7,989,397 200,600	4 5
73,370,631	71,355,323	75,321,436	81,216,949	86,707,219	98,600,526		939,681,467	850,963,655	6
119,657	48,165	60,644	139,037	1,218,003	3,563,684		30,473,500	21,590,948	7
73,490,288	71,403,488	75,382,080	81,355,986	87,925,222	102,164,210		970,154,967	872,554,603	9
...	...	...	...	...	...		...	...	11
535,949 33,465,957	589,442 34,692,241	632,003 35,717,237	328,477 37,201,126	336,721 39,944,593	547,063 48,009,889		8,372,000 463,733,345	19,958,918 401,289,824	12 13
107,492,194	106,685,171	111,731,320	118,885,589	128,206,536	150,721,162		1,442,260,312	1,293,803,345	19
6,702,356 23,073,265 3,754,341	4,205,236 21,689,531 2,831,786	3,598,932 22,650,739 2,542,681	5,969,173 24,816,812 4,529,503	11,082,391 25,845,333 6,649,055	16,195,361 26,966,353 9,419,798		163,138,533 257,418,687 88,280,476	139,695,022 234,456,765 71,223,941	20 21 22
33,529,962	28,726,553	28,792,352	35,315,488	43,576,779	52,581,512		508,837,696	445,375,728	30
32,546,331 188,888	30,910,360 169,046	32,083,107 185,302	31,294,679 193,492	34,233,078 200,381	35,554,290 246,815		367,194,470 2,193,688	355,525,526 2,439,817	31 32
66,265,181	59,805,959	61,060,761	66,803,659	78,010,238	88,382,617		878,225,854	803,341,071	33
6,447,425 - 315,085 2,993,666 - 1,900,899	9,020,808 - 44,961 3,237,199 - 615,517	8,734,870 85,770 3,388,473 2,112,206	5,834,294 273,807 3,372,711 5,071,515	2,714,203 114,247 3,791,588 3,294,946	869,179 304,267 4,065,875 8,542,272		45,475,646 594,972 40,444,106 5,414,389	34,564,084 299,890 25,971,976 8,377,582	34 35 36 37
73,490,288	71,403,488	75,382,080	81,355,986	87,925,222	102,164,210		970,154,967	872,554,603	39
...	...	...	...	...	...		...	...	40
23,808,795 10,193,111	24,178,548 11,103,135	25,689,117 10,660,123	27,938,685 9,590,918	30,835,854 9,445,460	37,328,695 11,228,257		346,740,211 125,365,134	290,028,669 131,220,073	41 42
107,492,194	106,685,171	111,731,320	118,885,589	128,206,536	150,721,162		1,442,260,312	1,293,803,345	49

[†] Revised figures.

TABLE 3. Receipts and Disposition of Natural Gas by Source

November 1965

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	8,896,139	175,029	...	9,071,168
1b	Processing plants	-	-	574,067	51,980,736	13,078,153	...	65,632,956
2	By distribution systems:							
2a	Fields	8,078	752,622	1,097,162	8,108,520	24,368	...	9,990,750
2b	Processing plants	-	-	1,349,482	8,946,209	60,417	...	10,356,108
3	Total (1 + 2)	8,078	752,622	3,020,711	77,931,604	13,337,967	...	95,050,982
4	Imports .....	...	...	...	...	...	3,544,449	3,544,449
5	Other receipts(1)	-	-	-	5,095	-	...	5,095
6	Total net receipts (3 + 4 + 5)	8,078	752,622	3,020,711	77,936,699	13,337,967	3,544,449	98,600,526
7	Received from storage	-	2,619,488	463,477	480,719	-	...	3,563,684
9	Total supply of gas utilities (6 + 7)	8,078	3,372,110	3,484,188	78,417,418	13,337,967	3,544,449	102,164,210
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	880,014	5,078,979	-	5,958,993
24	Alberta	-	-	-	15,669,217	-	11,189	15,680,406
25	Saskatchewan	-	-	1,513,804	3,266,649	-	-	4,780,453
26	Manitoba	-	-	212,063	2,833,010	-	-	3,045,073
27	Ontario	-	2,768,899	-	13,800,831	-	3,533,260	20,102,990
28	Quebec	-	-	-	3,008,696	-	-	3,008,696
29	New Brunswick	4,901	-	-	-	-	-	4,901
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	4,901	2,768,899	1,725,867	39,458,417	5,078,979	3,544,449	52,581,512
31	Exports	-	-	-	27,993,360	7,560,930	-	35,554,290
32	Other deliveries	-	-	-	246,815	-	-	246,815
33	Total net deliveries (30 + 31 + 32)	4,901	2,768,899	1,725,867	67,698,592	12,639,909	3,544,449	88,382,617
34	Delivered to storage	-	-	109,654	759,525	-	-	869,179
35	Line pack fluctuation	-	-	2,511	292,936	8,820	-	304,267
36	Gas used in system	-	17,579	121,819	3,535,493	390,984	-	4,065,875
37	Line losses and unaccounted for	3,177	585,632	1,524,337	6,130,872	298,254	-	8,542,272
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	8,078	3,372,110	3,484,188	78,417,418	13,337,967	3,544,449	102,164,210

(1) Includes peak shaving and enrichment.
... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

November 1965

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
November 1965:			
Daily average	2,429,433	1,752,717	2,975,060
Maximum(1)	2,580,632	...	...
Minimum(1)	2,213,017	...	...
Exports maximum(1)	1,228,747	...	1,228,747
November 1964:			
Daily average	2,247,971 ^r	1,496,090 ^r	2,678,904 ^r
Maximum(1)	2,843,723	...	...
Minimum(1)	1,988,508	...	...
Year to date 1965:			
Daily average	2,137,529	1,523,466	2,765,573
Maximum(1)	3,086,555	...	...
Minimum(1)	1,446,100	...	...
Commodity miles:			
Mcf. miles (thousands)	65,078,299	..	..
Ton-miles (millions)	1,484	..	..
Line pack:			
Beginning of month (Mcf.)	7,567,998	..	..
End of month (Mcf.)	7,885,803	..	..
Operating revenues .....	..	(\$ )33,774,702	..

(1) Non-coincident.

^r Revised figures.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

November 1965

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	68,229	114,546
Deliveries to ultimate customers	67,469	87,585
Line pack fluctuations	-	605
Gas used in system	- 624	1,320
Metering difference, line losses, cyclical billing adjustments and unaccounted for	1,384	25,036
Total disposition	68,229	114,546
Daily average sendout	2,249	2,920
Revenues	(\$)46,434	(\$)171,006

TABLE 6. Exports and Imports to and from the United States

November 1965

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	319,058	-
Niagara Falls	-	2,110,986
Ojibway, Ontario	-	1,422,274
Emerson, Manitoba	6,216,918	-
Coutts, Alberta	145	11,189
Aden, Alberta	1,495,432	-
Carway, Alberta	894,426	-
Kingsgate, British Columbia - U.S.A. District V South(1)	13,368,535	-
Other U.S.A.	4,144,746	-
Huntingdon, British Columbia	9,115,030	-
Canada - 1965	35,554,290	3,544,449
1964	34,546,890 ^r	10,113

(1) California, Nevada, Arizona.

^r Revised figure.

CATALOGUE No.

55-002

MONTHLY

DOMINION BUREAU OF STATISTICS

(OTTAWA - CANADA)

/ Published by Authority of the Minister of Trade and Commerce

Vol. 7, No. 12

Price: 20 cents, \$2.00 a year

GAS UTILITIES

(Transport and Distribution Systems)

DECEMBER 1965(1)

For the twelve-month period January to December 1965, total net deliveries increased 9.0 per cent to 980,183,063 Mcf. from 899,444,542 Mcf. last year. Total net deliveries amounted to 2,685,433 Mcf./day compared with 2,470,634 Mcf./day a year ago. Exports for the twelve months of 1965 totalled 404,709,025 Mcf. compared with 392,239,429 Mcf. in 1964, up 3.2 per cent.

In December 1965 field gathering systems and processing plants delivered to gas utilities 103,726,125 Mcf. of natural gas. The transport systems accounted for 79,957,409 Mcf. and the distribution systems 23,768,716 Mcf. Natural gas recovered from storage was 4,218,670 Mcf. The total supply of gas utilities amounted to 111,799,075 Mcf., 2.7 per cent higher than in December 1964. Of the total supply, 64,138,082 Mcf. were sold to ultimate customers in Canada, an increase of 8.5 per cent. Exports increased 2.2 per cent to 37,514,400 Mcf. from 36,713,903 Mcf. last year. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, line pack changes and deliveries to storage.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 70.3 billion commodity (Mcf.) miles (1,603 million ton-miles) during December 1965 compared with 67.9 billion (1,549 million ton-miles) last year. The daily average deliveries of gas utilities amounted to 3.3 million Mcf. Total commodity (Mcf.) miles for the year 1965 were 743,589,311,000 (16,954 million ton-miles) compared with 671,452,354,000 (15,309 million ton-miles) last year.

Utility receipts of natural gas produced in Alberta during December 1965 totalled 83.1 billion cubic feet; of this, 22.6 per cent was sold to ultimate customers in Alberta, 18.7 per cent in Ontario, 5.0 per cent in Manitoba, 3.8 per cent in Quebec, 3.6 per cent in Saskatchewan and 1.4 per cent in British Columbia. Exports accounted for 34.7 per cent while the remaining 10.2 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for. In Table 3 gas received from and delivered to storage is considered as having originated or terminated in the province where the storage is located.

All gas volumes are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales and exports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 4 and 5 in the companion publication "Sales of Manufactured and Natural Gas", Catalogue number 45-005.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue 26-006 gives the Supply and Disposition of Natural Gas by Source.

(1) Contains several revised figures (see tables).

Industry Division

March 1966
6511-509

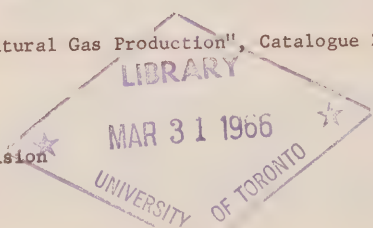


TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

December 1965

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields	-	-	-
1b	Processing plants	-	-	-
2	By distribution systems:			
2a	Fields	9,595	-	1,553,517
2b	Processing plants	-	-	-
3	Total (1 + 2)	9,595	-	1,553,517
4	Imports	-	-	-
5	Other receipts(1)	-	-	3,838,820
6	Total net receipts (3 + 4 + 5)	9,595	-	5,392,337
7	Received from storage	-	-	3,286,929
9	Total supply of gas utilities (6 + 7)	9,595	-	8,679,266
	Transfers from:			
11	Other provinces	-	3,254,684	22,689,240
12	Distribution to transport (primary)	-	-	71,695
13	Other gas utilities	-	3,254,684	28,313,676
19	Total gross receipts (9 + 11 + 12 + 13) ...	9,595	6,509,368	59,753,877
	<u>Disposition</u>			
	Sales:			
20	Residential	6,034	1,303,894	9,526,263
21	Industrial	-	1,479,808	9,527,702
22	Commercial	-	352,807	4,638,590
30	Total sales (20 + 21 + 22)	6,034	3,136,509	23,692,555
31	Exports	-	-	355,455
32	Other deliveries	-	-	1,775
33	Total net deliveries (30 + 31 + 32)	6,034	3,136,509	24,049,785
34	Delivered to storage	-	-	381,775
35	Line pack fluctuation	-	1,591	11,961
36	Gas used in system	107	13,932	1,509,656
37	Line losses and unaccounted for	3,454	102,652	2,160,645
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	9,595	3,254,684	28,113,822
	Transfers to:			
40	Other provinces	-	-	3,254,684
41	Distribution by transport (primary)	-	3,254,684	19,788,375
42	Other gas utilities	-	-	8,596,996
49	Total disposition (39 + 40 + 41 + 42)	9,595	6,509,368	59,753,877

(1) Includes peak shaving and enrichment.
Revised figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

December 1965

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	December 1964 ¹	No.
					Canada	
Mcf.						
-	-	8,980,613	317,405	9,298,018	9,845,885	1a
-	711,096	54,496,453	15,451,842	70,659,391	64,681,010	1b
-	1,610,777	9,010,099	29,838	12,213,826	13,025,173	2a
-	1,459,823	10,008,625	86,442	11,554,890	13,920,036	2b
-	3,781,696	82,495,790	15,885,527	103,726,125	101,472,104	3
-	-	13,212	-	3,852,032	1,652,287	4
2,248	-	-	-	2,248	132,527	5
2,248	3,781,696	82,509,002	15,885,527	107,580,405	103,256,918	6
-	323,684	608,057	-	4,218,670	5,588,243	7
2,248	4,105,380	83,117,059	15,885,527	111,799,075	108,845,161	9
34,239,282	38,666,059	-	20,761,109	...	...	11
-	492,836	-	-	564,531	1,992,860	12
4,488,694	3,648,034	4,646,359	7,947,707	52,299,154	53,000,676	13
38,730,224	46,912,309	87,763,418	44,594,343	164,662,760	163,838,697	19
1,883,183	2,919,978	5,797,687	2,719,875	24,156,914	23,930,709	20
1,032,613	2,624,430	8,562,345	4,013,139	27,240,037	22,945,566	21
1,357,500	1,144,189	4,463,402	784,643	12,741,131	12,251,385	22
4,273,296	6,688,597	18,823,434	7,517,657	64,138,082	59,127,660	30
6,324,309	-	2,612,195	28,222,441	37,514,400	36,713,903	31
-	-	262,352	-	264,127	261,908	32
10,597,605	6,688,597	21,697,981	35,740,098	101,916,609	96,103,471	33
-	85,859	225,546	-	693,180	951,544	34
- 495	- 10,438	14,325	- 61,609	- 44,665	384,017	35
722,627	1,578,773	120,800	710,602	4,656,497	4,154,047	36
232,553	189,366	1,631,239	257,545	4,577,454	7,252,082	37
11,552,290	8,532,157	23,689,891	36,646,636	111,799,075	108,845,161	39
22,689,240	34,239,282	59,427,168	-	...	...	40
4,488,694	3,648,034	1,545,993	7,763,529	40,489,309	40,464,741	41
-	492,836	3,100,366	184,178	12,374,376	14,528,795	42
38,730,224	46,912,309	87,763,418	44,594,343	164,662,760	163,838,697	49

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1965^r

No.		Mcf.				
		January	February	March	April	May
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields	9,488,717	8,507,072	9,392,957	8,204,226	7,801,248
1b	Processing plants	66,403,322	59,093,006	65,860,534	57,608,391	54,898,325
2	By distribution systems:					
2a	Fields	11,604,465	9,923,069	10,077,510	7,415,713	5,936,996
2b	Processing plants	13,300,648	11,946,834	12,503,035	10,194,599	9,069,845
3	Total (1 + 2)	100,797,152	89,469,981	97,834,036	83,422,929	77,706,414
4	Imports	135,283	315,150	206,733	1,168,255	1,644,387
5	Other receipts(1)	108,455	150,362	91,024	3,354	3,291
6	Total net receipts (3 + 4 + 5)	101,040,890	89,935,493	98,131,793	84,594,538	79,354,092
7	Received from storage	9,345,113	8,095,065	5,954,522	1,942,698	42,491
9	Total supply of gas utilities (6 + 7)	110,386,003	98,030,558	104,086,315	86,537,236	79,396,583
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary)	1,326,126	1,345,539	1,375,707	774,032	580,941
13	Other gas utilities	56,220,795	48,080,279	52,134,143	40,405,393	37,861,692
19	Total gross receipts (9 + 11 + 12 + 13) ...	167,932,924	147,456,376	157,596,165	127,716,661	117,839,216
	<u>Disposition</u>					
	Sales:					
20	Residential	30,391,290	28,283,381	24,596,812	20,719,219	11,394,382
21	Industrial	22,012,020	20,359,709	23,045,019	23,908,698	23,051,208
22	Commercial	15,018,273	13,669,054	12,962,171	10,858,428	6,045,386
30	Total sales (20 + 21 + 22)	67,421,583	62,312,144	60,604,002	55,486,345	40,490,976
31	Exports	36,599,820	33,845,506	37,040,549	31,942,619	31,144,131
32	Other deliveries	246,532	212,825	207,937	177,239	165,231
33	Total net deliveries (30 + 31 + 32)	104,267,935	96,370,475	97,852,488	87,606,203	71,800,338
34	Delivered to storage	493,946	502,380	638,140	1,750,751	8,469,650
35	Line pack fluctuation	43,367	255,996	34,978	18,698	- 176,112
36	Gas used in system	4,221,592	3,438,398	4,434,614	3,812,713	3,672,321
37	Line losses and unaccounted for	1,359,163	- 2,536,691	1,126,095	- 6,651,129	- 4,369,614
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	110,386,003	98,030,558	104,086,315	86,537,236	79,396,583
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary)	44,305,816	38,417,169	40,398,962	25,546,203	28,292,367
42	Other gas utilities	13,241,105	11,008,649	13,110,888	15,633,222	10,150,266
49	Total disposition (39 + 40 + 41 + 42)	167,932,924	147,456,376	157,596,165	127,716,661	117,839,216

(1) Includes peak shaving and enrichment.
^r Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1965^r

June	July	August	September	October	November	December	Year to date		No.
							1965 ^r	1964 ^r	
Mcf.									
6,474,340 52,331,645	6,376,006 51,806,123	6,797,399 54,322,935	5,651,737 57,570,040	6,439,373 62,554,440	9,040,454 65,663,670	9,298,018 70,659,391	93,471,547 718,771,822	84,354,030 643,473,330	1a 1b
5,177,581 8,096,332	3,491,278 8,285,632	3,694,485 9,117,266	6,039,431 10,391,111	7,293,154 9,176,544	9,990,750 10,356,108	12,213,826 11,554,890	92,858,258 123,992,844	80,649,607 135,768,795	2a 2b
72,079,898	69,959,039	73,932,085	79,652,319	85,463,511	95,050,982	103,726,125	1,029,094,471	944,245,762	3
1,289,500 1,233	1,395,725 548	1,388,578 762	1,564,301 484	1,241,378 2,330	3,544,449 5,095	3,852,032 2,248	17,745,771 369,186	9,641,684 333,127	4 5
73,370,631	71,355,312	75,321,425	81,217,104	86,707,219	98,600,526	107,580,405	1,047,209,428	954,220,573	6
119,657	48,165	60,644	139,037	1,218,003	3,563,684	4,218,670	34,747,749	27,179,191	7
73,490,288	71,403,477	75,382,069	81,356,141	87,925,222	102,164,210	111,799,075	1,081,957,177	981,399,764	9
...	...	...	...	...	...	...	...	...	11
535,949 33,465,957	589,442 34,692,241	632,003 35,717,237	328,477 37,201,126	336,721 39,944,593	547,063 48,009,889	564,531 52,299,154	8,936,531 516,032,499	21,951,778 454,290,500	12 13
107,492,194	108,685,160	111,731,309	118,885,744	128,206,536	150,721,162	164,662,760	1,606,926,207	1,457,642,042	19
6,729,973 23,076,483 3,759,779	4,211,328 21,694,574 2,837,709	3,590,850 22,650,272 2,541,289	5,969,173 24,816,812 4,529,503	11,082,391 25,845,333 6,649,055	16,185,076 26,968,751 9,424,740	24,156,914 27,240,037 12,741,131	187,310,789 284,668,916 101,036,518	163,625,731 257,402,331 83,475,326	20 21 22
33,566,235	28,743,611	28,782,411	35,315,488	43,576,779	52,578,567	64,138,082	573,016,223	504,503,388	30
32,546,331 188,888	30,910,360 169,046	32,083,107 185,302	31,294,834 193,492	34,233,078 200,381	35,554,290 246,815	37,514,400 264,127	404,709,025 2,457,815	392,239,429 2,701,725	31 32
66,301,454	59,823,017	61,050,820	66,803,814	78,010,238	88,379,672	101,916,609	980,183,063	899,444,542	33
6,447,425 - 315,085 2,986,078 - 1,929,584	9,020,808 - 44,961 3,237,199 - 632,586	8,734,870 85,770 3,388,473 2,122,136	5,834,294 273,807 3,372,711 5,071,515	2,714,203 114,247 3,791,588 3,294,946	869,179 304,267 4,064,850 8,546,242	693,180 - 44,665 4,656,497 4,577,454	46,168,826 550,307 45,077,034 9,977,947	35,515,628 683,907 30,126,023 15,629,664	34 35 36 37
73,490,288	71,403,477	75,382,069	81,356,141	87,925,222	102,164,210	111,799,075	1,081,957,177	981,399,764	39
23,808,795 10,193,111	24,178,548 11,103,135	25,689,117 10,660,123	27,938,685 9,590,918	30,835,854 9,445,460	37,328,695 11,228,257	40,489,309 12,374,376	387,229,520 137,739,510	330,493,410 145,748,868	40 41 42
107,492,194	106,685,160	111,731,309	118,885,744	128,206,536	150,721,162	164,662,760	1,606,926,207	1,457,642,042	49

... Figures not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

December 1965

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields	-	-	-	8,980,613	317,405	...	9,298,018
1b	Processing plants	-	-	711,096	54,496,453	15,451,842	...	70,659,391
2	By distribution systems:							
2a	Fields	9,595	1,553,517	1,610,777	9,010,099	29,838	...	12,213,826
2b	Processing plants	-	-	1,459,823	10,008,625	86,442	...	11,554,890
3	Total (1 + 2)	9,595	1,553,517	3,781,696	82,495,790	15,885,527	...	103,726,125
4	Imports .....	...	...	...	...	...	3,852,032	3,852,032
5	Other receipts (1)	-	-	-	2,248	-	...	2,248
6	Total net receipts (3 + 4 + 5)	9,595	1,553,517	3,781,696	82,498,038	15,885,527	3,852,032	107,580,405
7	Received from storage	-	3,286,929	323,684	608,057	-	...	4,218,670
9	Total supply of gas utilities (6 + 7)	9,595	4,840,446	4,105,380	83,106,095	15,885,527	3,852,032	111,799,075
	<u>Disposition</u>							
	Sales:							
23	British Columbia	-	-	-	1,199,383	6,318,274	-	7,517,657
24	Alberta	-	-	-	18,810,222	-	13,212	18,823,434
25	Saskatchewan	-	-	3,682,232	3,006,365	-	-	6,688,597
26	Manitoba	-	-	126,971	4,146,325	-	-	4,273,296
27	Ontario	-	4,310,800	-	15,542,935	-	3,838,820	23,692,555
28	Quebec	-	-	-	3,136,509	-	-	3,136,509
29	New Brunswick	6,034	-	-	-	-	-	6,034
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	6,034	4,310,800	3,809,203	45,841,739	6,318,274	3,852,032	64,138,082
31	Exports	-	-	-	28,806,499	8,707,901	-	37,514,400
32	Other deliveries	-	-	-	264,127	-	-	264,127
33	Total net deliveries (30 + 31 + 32)	6,034	4,310,800	3,809,203	74,912,365	15,026,175	3,852,032	101,916,609
34	Delivered to storage	-	-	-	693,180	-	-	693,180
35	Line pack fluctuation	-	-	- 9,778	17,600	- 52,487	-	- 44,665
36	Gas used in system	107	20,146	142,360	3,868,588	625,296	-	4,656,497
37	Line losses and unaccounted for	3,454	509,500	163,595	3,614,362	286,543	-	4,577,454
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37)	9,595	4,840,446	4,105,380	83,106,095	15,885,527	3,852,032	111,799,075

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

December 1965

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
December 1965:			
Daily average	2,516,249	2,068,970	3,309,993
Maximum(1)	2,684,636	...	...
Minimum(1)	2,289,114	...	...
Exports maximum(1)	1,270,371	...	1,270,371
December 1964:			
Daily average	2,489,634	1,907,344	3,130,807
Maximum(1)	3,010,975	...	...
Minimum(1)	2,175,567	...	...
Year to date 1965:			
Daily average	2,169,695	1,569,907	2,811,923
Maximum(1)	3,086,555	...	...
Minimum(1)	1,446,100	...	...
Commodity miles:			
Mcf. miles (thousands)	70,289,087	..	..
Ton-miles (millions)	1,603	..	..
Line pack:			
Beginning of month (Mcf.)	7,885,803	..	..
End of month (Mcf.)	7,847,374	..	..
Operating revenues .....	..	(\$ )42,527,067	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

December 1965

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts	61,341	143,256
Deliveries to ultimate customers	63,280	112,394
Line pack fluctuations	-	3,480
Gas used in system	- 3,498	1,595
Metering difference, line losses, cyclical billing adjustments and unaccounted for	1,559	25,787
Total disposition	61,341	143,256
Daily average sendout	2,041	3,626
Revenues	(\$)41,477	(\$)210,290

TABLE 6. Exports and Imports to and from the United States

December 1965

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario	355,455	-
Niagara Falls	-	2,155,601
Ojibway, Ontario	-	1,683,219
Emerson, Manitoba	6,324,309	-
Coutts, Alberta	125	13,212
Aden, Alberta	1,623,077	-
Carway, Alberta	988,993	-
Kingsgate, British Columbia - U.S.A. District V South(1)	13,990,302	-
Other U.S.A.	4,212,980	-
Huntingdon, British Columbia	10,019,159	-
Canada - 1965	37,514,400	3,852,032
1964	36,713,903	1,652,287 ^r

(1) California, Nevada, Arizona.

^r Revised figure.

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